



The UK's leading manufacturer
of physical security products

Interactive Retail Price List



Jul 2022
All prices are in pounds sterling excluding VAT.

CE MARKING

WHAT IS CE MARKING?

The letters "CE" are the abbreviation of French phrase "Conformité Européenne" which literally means "European Conformity."

1. CE Marking on a product is a manufacturers and installers declaration that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislations. Product Directives contain the "essential requirements" and/or "performance levels" and "Harmonised Standards" to which the products must conform. Harmonised Standards are the technical specifications (European Standards or Harmonisation Documents) which are established by several European standards agencies (CEN, CENELEC, etc). CEN stands for European Committee for Standardisation. CENELEC stands for European Committee for Electrotechnical Standardisation.
2. CE Marking on a product indicates to governmental officials that the product may be legally placed on the market in their country.
3. CE Marking on a product permits the withdrawal of the non-conforming products by customs and enforcement/vigilance authorities.

WHAT IS THE MACHINERY DIRECTIVE?

The Machinery Directive (current)

'The Supply of Machinery (Safety) Regulations 1992, implements the European Machinery Directive and contains detailed requirements for manufacturing and installing safe new machinery.'

- CE marking for electrically operated roller shutters was introduced with effect from 1st January 1995, under the Machinery Directive.
- From the 1st January 1997 all electrically operated roller shutters had to be CE marked.
- The Machinery Directive is risk assessment led. There are no product specific requirements.

Manufacturers (SWS UK) obligations are to:

- Prepare a risk assessment for all electrically operated products.
- Maintain a technical file for each electrically operated product.
- Provide installers with a Declaration of Incorporation to the Machinery Directive for each standard electrically operated product.
- Issue comprehensive fitting instructions.
- Issue operating and maintenance instructions.

Installers obligations are to:

- Install each electrically operated product as per the manufacturer's fitting instructions.
- Allocate each product with a unique reference number. Attach a CE label to the product.
- Provide end-users with a Declaration of Conformity to the Machinery Directive and retain a 2nd file copy.
- Provide customers with operating and maintenance instructions.

WHAT IS CPR?

CPR – Construction Product Regulations

The CPR builds upon the CPD and aims to break down technical barriers to trade in construction products within the European Economic Area (EEA). To achieve this, the CPR provides for four main elements:

- A system of harmonised technical specifications.
- An agreed system of conformity assessment for each product family.
- A framework of notified bodies.
- CE marking of products.

The CPR harmonises the methods of assessment and test, the means of declaration of product performance and the system of conformity assessment of construction products, but NOT national building regulations. The choice of required values for the particular intended use is left to the regulators and public/private sector procurers at the national level. However, such required values must be expressed in a consistent manner (technical language) as used in the harmonised technical specifications.

The full legislation relating to manufacturers, importers and distributors came into force on 1 July 2013, when the CPD was replaced.

SWS UK'S AND CUSTOMER'S OBLIGATIONS TO CPR

Manufacturers (SWS UK) obligations are to:

- Fulfil all requirements of the main product standard (BSEN 13241-1 Industrial, commercial and garage doors and gates – product standard part 1 – products without fire resistance or smoke control characteristics).
- Fulfil all requirements in supporting standards.
- Have safety functions and environmental characteristics tested by a UKAS accredited body.
- Have a fully documented, externally audited Factory Production Control system (FPC). SWS UK is registered to ISO 9001:2015
- Provide installers with a Declaration of Performance to the CPR.
- Issue comprehensive fitting, repairing and dismantling instructions.
- Issue a log book which is to remain with the product.
- Attach a CE label under the CPR to the manufactured product.

Installers obligations are to:

Retain a copy of the Manufacturers Declaration of Performance to the CPR and the Manufacturers Declaration of Incorporation to the Machinery Directive.

SPECIALS

All SWS products that are manufactured within the sizes and specifications listed in this price list are fully compliant to the essential requirements of the new product standard.

To manufacture a product outside of the specifications listed within this price list will require evaluation, possibly internal and external testing and a dedicated risk assessment and installation by SWS UK. This process will have associated costs and time implications regardless of whether we are able to supply the product or not.

DOOR OR WINDOW

BSEN 13241-1 and its supporting standards, under the CPR, only apply to products installed over doorways. Products over windows have different product standards but they must still be compliant under the Machinery Directive if electric operation.

A doorway is any opening designed to give safe access to persons or vehicles in industrial, commercial or residential premises.

It is SWS UK's decision to classify all servery and cabinet applications as doorways.

To comply with the standard all doorway shutters require an anti-fall back device when the maximum out-of-balance static force exceeds 200 newtons† after a single suspension component failure. The doorway shutters affected by this will be indicated on the pricing tables which follow in this price list.

The anti-fall back device supplied will depend on the product type and operation. Spring loaded shutters requiring an anti-fall back device will be supplied with two springs to satisfy the standard.

Please note this will now mean that there are some widths of shutters which can no longer be manufactured if the shutter is required for a doorway. When applicable this will be clearly indicated on the price tables. Electrically operated shutters requiring an anti-fall back device will be supplied with either an anti-drop brake or a spring. The price table will indicate which anti-fall back device will be installed.

OPPORTUNITIES & BENEFITS OF CE MARKING

By following some simple steps you will be minimising the risk of injury to installers and users of roller shutters while meeting your legal obligations.

Importantly, under the Health & Safety at Work Act 1974, landlords and owners of domestic, commercial and industrial premises are under a legal obligation to ensure that new and existing shutters are maintained to the appropriate standard. In the event of an accident, investigators will ask your customer's Health and Safety representative to provide them with evidence of a proper risk assessment, correct installation, maintenance schedule and availability of operating instructions.

† The newton is the SI unit of force. One newton is the force required to give a mass of 1 kilogram an acceleration of 1 metre per second.

"Doorway Shutters, garage doors and gates must comply with the Machinery Directive and the Construction Product Regulation. Using products from 'SWS UK' that are properly CE marked demonstrates compliance."

"You are breaking the law if you accept, an electrically operated shutter that has not been properly CE marked."

Key benefits of CE marking:

- Products should become safer leading to a reduction in accidents.
- If an installer is subject to legal action, CE marking under the Construction Products Regulation provides a recognised legal framework to help offset installer liability.
- All employers have legal duties under: The Provision & Use of Work Equipment Regulations. Compliance under the CPR and MD not only ensures that products are safe but that they remain so through regular maintenance.
- With much greater emphasis on ensuring products are installed in an appropriate manner (i.e. are 'fit for purpose') fewer call-backs are anticipated.
- To comply with the CPR all our roller shutters and roller garage doors have undergone wind loading tests. This now provides us with accurate performance information for our range of products.
- Promotion of your compliance to this legislation will enhance your businesses credibility when approaching new and existing customers.
- To ensure our range of products comply with the new legislation there has been several product developments resulting in higher specification products and greater functionality.

Key points to remember

- It is the installer's / distributor's responsibility to ensure that the product selected is fit for the buyer's purpose and that it is of satisfactory quality for its intended use.
- Is it a door / servery or window?
- If a door is the size sufficient to require an anti-fall back device? (please refer to the appropriate pricing matrix)
- The application may restrict the choice of control equipment (see page 60 for further information).
- All products must be installed in accordance with our fitting instructions.
- A Declaration of Conformity to the MD must be issued once an electrically operated product has been installed. In addition a CE label should be attached to the product.
- The end-user should be familiarised with the safe operating procedures and issued with the operating and maintenance instructions/log book provided by SWS UK.



IMPORTANT

Please read the notes below before using this price list

1. It is the installer's / distributor's responsibility to ensure that the product selected is fit for the buyers purpose and that it is of satisfactory quality for its intended use.
2. Always place orders in metric, using SWS UK order forms or via our online ordering system. Consider each section carefully before moving on to the next. If you require delivery by a set date, this must be highlighted on your order.
3. Please ensure you clearly indicate the quotation number on your order, otherwise the price on the order confirmation will be chargeable. If a quotation does not match the order in every respect, the quotation must be recalculated prior to an order being accepted.
4. Distributors must notify all changes to existing orders in writing. Failure to do this prior to commencement of manufacturing will result in additional charges being made.
5. Product sizes are always 'overall'. In the case of shutters to the top of box and outside of guides. For retractable gates from underside of bottom track to top of top track and the outside of the fixing frame.
6. When specifying, pricing and ordering a product always refer to the width (across the top) first and then the height (down the side).
7. Be mindful that the bottom slat on shutters sits into the top of the guide rails by between 60 mm and 93 mm depending upon slat type. Further details are available from the appropriate product overview section of our new trade price list. Any products ordered 'clear opening' or 'underside of stops' will have the appropriate dimension added to the width and height.
8. All products are manufactured to the sizes given on your order. It is therefore important that you make any deductions or additions which may be necessary before placing your order.
9. Use the product codes illustrated in this trade price list when ordering components.
10. Always make sure that you receive an order confirmation, check it carefully and notify the office immediately with any amendments. Failure to do this will result in costly rework and time delays which may involve you incurring additional charges.
11. We require a responsible person to be present and assist with unloading orders on delivery.
12. Deliveries received must be checked before signing the delivery note. This is especially important with overnight carriers as it not possible for us to claim compensation for damages or missing items unless highlighted on the driver's delivery notes. If possible, take a photocopy of this documentation for future reference.
13. If damage is detected, please complete a Damage Identification Sheet (available from your online distributor area) and email to customer.services@swsuk.co.uk along with a photograph.
14. Ensure fitting instructions are followed carefully by installation engineers and if the product is electrically operated it must be CE marked under the Machinery Directive after commissioning the product. Once CE marked the installer has an obligation to issue completed documentation to the end user that confirms that the product(s) have been fitted in accordance with our instructions.
15. Mill finish shutters tend to be very stiff to operate and are therefore unsuitable for everyday use in this condition. Please note SeceuroVision profiles are not available in mill finish.
16. Tables which indicate axle size, box extension and motor size are intended as a guide only and will vary with exact size and specification of shutter.

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INTERACTIVE NOTES:



When you see this icon, you can click to view the Specification Sheet for a product.



Click this icon to view the Installation Guide for a component.



Click interactive items to reveal additional useful information.

Underlined blue text are weblinks.

Please note: In line with SWS UK's policy of continuous product improvement, we reserve the right to make changes without prior notification. All information is believed correct at the time of publication, errors and omissions excepted.



SeceuroShield | 150/T Manual Belt Operation (Vented Slat)

Built-on Security Shutters

Width including guide rails (mm)

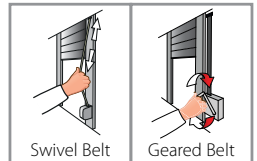
	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	303	323	333	348	366	382	401	421	437	461	477	498	515	531	549	576	596	621	636	670	685	761	783	790	802	836	867	903	939
1100	320	333	348	372	395	415	434	456	477	492	515	537	566	589	612	631	659	678	701	718	742	810	830	841	852	885	922	958	995
1200	328	348	366	395	415	437	456	470	498	524	554	576	592	617	648	673	697	715	733	753	769	841	860	876	884	921	957	994	1035
1300	339	360	387	412	434	456	477	507	524	554	576	596	636	659	678	706	727	742	763	789	812	885	910	926	931	969	1008	1048	1089
1400	352	382	404	434	456	482	507	531	560	576	603	636	665	685	706	727	753	780	809	824	847	919	940	962	967	1005	1045	1087	1131
1500	366	395	421	449	480	507	531	560	581	621	643	665	688	715	736	759	814	809	838	863	880	964	988	1007	1014	1053	1096	1140	1187
1600	412	441	470	498	524	560	592	621	655	678	706	736	763	789	816	843	872	895	919	938	968	996	1022	1045	1145	1191	1238	1286	1339
1700	425	461	487	520	549	581	608	655	678	706	736	763	789	816	847	876	900	924	953	980	1032	1085	1114	1143	1177	1225			
1800	441	477	507	545	576	603	643	673	701	727	753	784	816	847	874	900	929	958	1012	1044	1071	1117	1148	1194	1241				
1900	461	492	524	560	592	636	668	697	718	747	780	812	838	863	900	933	968	1019	1048	1075	1097	1162	1209						
2000	470	510	549	581	617	655	685	712	747	770	809	838	872	900	929	986	1019	1048	1077	1104	1148	1194							
2100	487	524	566	596	636	673	706	736	767	800	830	872	900	929	986	1019	1048	1131	1166	1212									
2200	507	545	581	627	659	688	727	759	796	824	860	895	926	986	1014	1044	1121	1159	1205										
2300	520	560	596	643	673	712	747	780	816	847	883	919	983	1014	1044	1075	1161	1208											
2400	554	592	636	673	711	747	784	818	853	889	926	994	1032	1059	1087	1150	1196												
2500	566	603	655	688	727	763	800	838	874	910	948	1012	1048	1083	1149	1195													
2600	617	631	668	706	747	789	824	863	900	933	1007	1040	1072	1133	1177														
2700	631	659	688	727	767	809	847	889	929	994	1032	1063	1126	1170															
2800	648	665	711	744	786	824	872	912	962	1014	1050	1108	1151																

◀ Swivel Belt ▶ Geared Belt

KEY:

Window or Door

Type of Operation:



Maximum shutter height including box for each box size

165 mm
180 mm
205 mm
250 mm



SeceuroShield | 150/T Rod Crank (vented slat) / Spring & Lock Operation (Non-Vented)

Built-on Security Shutters

Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	438	457	466	482	502	516	532	556	571	593	613	632	648	667	681	708	733	755	769	806	816	892	912	932	968	1006	1046	1088	1132
1100	450	466	482	507	528	550	566	589	613	627	648	670	700	722	744	765	791	813	837	853	876	958	978	1002	1025	1067	1109	1154	1200
1200	461	482	502	528	550	571	589	603	632	660	687	708	733	769	791	813	841	859	876	899	924	946	1045	1071	1095	1119	1164	1211	1259
1300	472	492	520	545	566	589	613	639	660	687	708	733	769	791	813	841	859	876	899	924	946	1045	1071	1095	1119	1164	1211	1259	1309
1400	489	516	538	566	589	617	639	667	696	708	739	769	799	816	841	859	887	912	939	961	981	1080	1107	1132	1159	1205	1254	1304	1357
1500	502	528	556	584	614	639	667	696	713	755	778	799	822	852	873	892	921	939	971	999	1010	1131	1159	1186	1213	1261	1312	1365	1419
1600	545	576	603	632	660	696	728	755	788	813	841	873	899	924	951	975	1004	1030	1051	1076	1102	1168	1194	1224	1261	1312	1365	1419	1475
1700	563	593	622	656	681	713	743	788	813	841	873	899	924	951	981	1008	1034	1055	1086	1113	1166	1265	1305	1338	1367	1421	1477	1537	1597
1800	576	613	639	677	708	739	778	808	837	859	887	921	951	981	1006	1034	1066	1090	1148	1176	1203	1309	1343	1374	1430	1489	1548	1610	1675
1900	593	627	660	696	728	769	804	830	853	882	912	946	971	999	1034	1071	1102	1151	1183	1208	1232	1360	1413	1470	1528	1590	1653	1719	1787
2000	603	644	681	713	750	788	816	848	882	906	939	971	1004	1034	1066	1119	1151	1183	1211	1235	1268	1319	1371	1427	1485	1545	1606	1672	1738
2100	622	660	700	733	769	808	841	873	900	932	964	1004	1034	1066	1119	1151	1183	1211	1235	1284	1337	1390	1446	1503	1562	1625	1689	1758	1828
2200	639	677	713	759	791	822	859	892	928	961	996	1030	1057	1119	1150	1176	1208	1244	1295	1346	1401	1456	1515	1577	1639	1705	1773	1845	1918
2300	656	696	733	778	808	848	882	912	951	981	1016	1051	1117	1150	1176	1208	1248	1298	1348	1403	1458	1517	1579	1642	1707	1777	1847		
2400	687	728	769	808	845	882	921	954	986	1023	1057	1126	1166	1194	1222	1234	1283	1336	1389	1445	1502	1561	1624	1688	1757	1827			
2500	700	739	788	822	859	899	932	971	1006	1044	1082	1148	1183	1219	1232	1281	1332	1386	1442	1499	1559	1621	1685	1754	1825				
2600	750	765	804	841	882	924	961	999	1034	1071	1143	1173	1205	1232	1281	1332	1386	1442	1499	1559	1621	1685	1754						
2700	765	791	822	859	900	939	981	1023	1066	1126	1166	1196	1208	1256	1306	1359	1412	1469	1527	1589	1652	1718							
2800	783	799	845	880	923	961	1004	1046	1094	1150	1185	1269	1320	1372	1428	1486	1546	1608	1673	1739	1807								

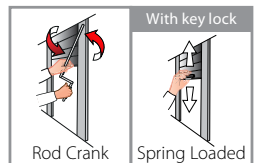
Maximum size for rod crank operation

KEY:

Window or Door

Window or Door with anti-drop brake

Type of Operation:



Minimum Width For Spring Loaded Shutters is 665 mm

Please contact Customer Services for smaller sizes. Special Portico springs will incur longer lead times.





Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
1000	589	607	618	636	657	670	689	713	732	752	772	794	812	831	848	878	901	925	939	976	992	1076	1090	1109	1129	1173	1220	1269	1320
1100	602	618	636	660	686	706	726	748	772	789	812	837	863	889	914	933	966	986	1009	1029	1053	1118	1136	1155	1173	1220	1269	1320	1372
1200	614	636	657	686	706	732	748	763	794	822	853	878	895	922	954	981	1004	1028	1040	1068	1082	1148	1168	1188	1208	1256	1306	1359	1412
1300	627	647	677	701	726	748	772	802	822	853	878	901	939	966	986	1014	1036	1053	1078	1102	1129	1189	1211	1231	1255	1305	1358	1411	1466
1400	643	670	696	726	748	778	802	831	859	878	906	939	970	992	1014	1036	1068	1090	1120	1142	1166	1220	1241	1264	1283	1336	1389	1445	1502
1500	657	686	713	743	775	802	831	859	883	925	948	970	996	1028	1048	1072	1097	1120	1153	1183	1194	1261	1283	1307	1331	1385	1441	1498	1558
1600	701	736	763	794	822	859	895	925	962	986	1014	1048	1078	1102	1132	1159	1188	1216	1240	1263	1269	1289	1316	1339	1364	1418	1474	1534	1594
1700	718	752	783	817	848	883	911	962	986	1014	1048	1078	1102	1132	1166	1193	1221	1244	1275	1305	1320	1374	1399	1428	1455	1514	1574	1638	1704
1800	736	772	802	843	878	906	948	981	1009	1036	1068	1097	1132	1166	1191	1221	1254	1280	1302	1331	1358	1404	1430	1460	1487	1547	1609	1674	1740
1900	752	789	822	859	895	939	974	1004	1029	1056	1090	1129	1153	1183	1221	1259	1292	1305	1338	1365	1392	1446	1476	1505	1533	1593	1656	1723	1791
2000	763	808	848	883	922	962	992	1023	1056	1085	1120	1153	1188	1221	1254	1270	1305	1338	1366	1395	1428	1476	1506	1538	1567	1630	1695	1763	1833
2100	783	822	863	901	939	981	1014	1048	1079	1113	1147	1188	1221	1254	1270	1305	1338	1366	1395	1432	1466	1547	1579	1611	1641	1706	1774	1846	1919
2200	802	843	883	930	966	996	1036	1072	1108	1142	1182	1216	1245	1270	1304	1331	1365	1395	1432	1466	1498	1573	1609	1641	1674	1740	1808	1882	1957
2300	817	859	901	948	981	1023	1056	1090	1132	1166	1203	1240	1269	1304	1331	1365	1404	1432	1466	1503	1539	1617	1653	1719	1787	1858	1934		
2400	853	895	939	981	1020	1056	1097	1136	1170	1211	1245	1278	1320	1350	1380	1418	1454	1492	1522	1561	1595	1650	1683	1749	1822	1893			
2500	863	906	962	996	1036	1078	1113	1153	1191	1231	1270	1302	1338	1374	1414	1448	1484	1509	1545	1580	1614	1679	1745	1816	1889				
2600	922	933	974	1014	1056	1102	1142	1183	1221	1259	1297	1328	1362	1390	1426	1464	1499	1533	1569	1609	1642	1707	1777						
2700	933	966	996	1036	1079	1120	1166	1211	1254	1278	1320	1353	1389	1420	1456	1496	1531	1569	1609	1674	1740	1808							
2800	954	970	1020	1055	1098	1142	1188	1232	1281	1304	1342	1366	1404	1443	1479	1518	1558	1595	1634	1700	1768								
3000	1005	1029	1085	1113	1142	1197	1265	1284	1336	1350	1389	1415	1454	1496	1538	1577	1614	1679	1745										
3200	1072	1117	1161	1209	1255	1302	1346	1393	1437	1486	1530	1577	1622	1670	1715	1784	1854	Minimum Width For Shutters: Non-Override – 660 mm Override – 710 mm RTS Non-Override – 810 mm RTS Override – 850 mm											
3400	1095	1144	1192	1240	1288	1338	1384	1432	1479	1528	1579	1625	1674	1740	1808	1882													
3600	1109	1159	1209	1260	1307	1358	1407	1456	1508	1559	1610	1658	1707	1777															
3800	1133	1186	1238	1289	1343	1394	1446	1499	1551	1601	1654	1720	1788																
4000	1160	1213	1266	1322	1377	1429	1484	1540	1593	1647	1700	1768																	

Maximum shutter height including box for each box size

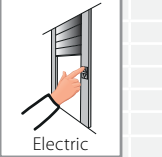
165 mm

180 mm

205 mm

250 mm

Type of Operation:

Electric

KEY:

	Window or Door
	Window or Door with anti-drop brake

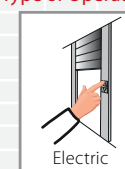
ANTI-DROP BRAKE

When required (as shown above) a surcharge of **£121.05** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£129.20** must be added to the appropriate shutter price – see page 25.

Type of Operation:



Minimum Width For Shutters:

Non-Override – **660 mm**

Override – **710 mm**

RTS Non-Override – **810 mm**

RTS Override – **850 mm**

SOMFY RTS MOTORS

Available on window shutters at an upgrade of **£226.32**. For control accessories see page 25.

PLEASE NOTE: This product has been tested to BS EN 13659 and therefore should not be installed on the façade of a building. Alternative products for this application include the SeceuroShield 38 and the SeceuroShield 77.

Alternative Somfy motor available at a surcharge of **£35.00** net

Overview of SeceuroShield 150/T

COMMON APPLICATIONS

Internal, low security domestic sites, bars and serveries. Provides heat insulation in conjunction with a window, shading and light control. Not for shops, garage doors or commercial windows.

CONSTRUCTION

Curtain Slat

SeceuroShield 150/T uses a double skin foam filled aluminium slat, spring and lock operated shutters are supplied non-vented as standard, all other operations are supplied vented as standard but also available non-vented.

Bottom Slat

Extruded aluminium with rubber bottom seal. Reinforcing handle option (AEGR) surcharge **£9.31** per linear metre or reinforcing handle & rubber option surcharge **£11.97** per linear metre. Spring & lock shutters are supplied with a unique, patented, reversible bottom slat. This bottom slat features a top quirk which can be removed and turned around in the event that the bottom slat lock needs to face the other way.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box.

Guide Rails

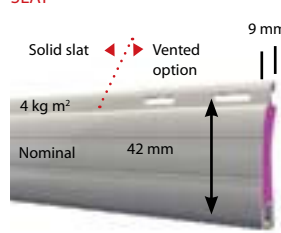
Extruded aluminium with box section for fixing/reinforcement and high density 5 mm pile brush seals. H25 guide profile as standard, H17 and H30 are available on request and H40/S is available at extra cost – (see page 18).

Accessories - For applicable accessories and components see pages 18-27 & 42-50

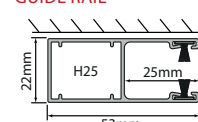
Please note: Colour references on standard product are a guide only and will not match powder coated finish and may incur a surcharge and/or a longer lead time.

Bottom slat, box and guides are not available in Cedar and will be supplied in brown as standard.

SLAT

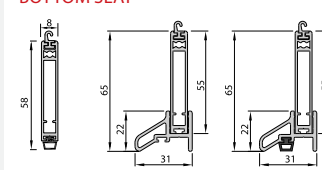


GUIDE RAIL



H25 guide profile supplied as standard, H17 and H30 are available on request and H40/S is available at an extra cost (see page 18).

BOTTOM SLAT



SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order.

Switches are supplied "hold to run" for safety.



Somfy Inteo Inis Uno switch, Single Pole



Somfy Inteo Surface Box, White



Somfy Inteo Inis Flush Mounting Box

STANDARD COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

STANDARD COLOUR					
Brilliant White (RAL 9016)	Brown (RAL 8014)	Cream (RAL 1015)	Agate Grey (RAL 7038)	Anthracite Grey (RAL 7016)	
Light Beige (BS08B17)	Light Grey (RAL 7035)	Metallic Grey (RAL 9007)	Alu Metallic (RAL 9006)	Dark Brown (RAL 8019)	
Moss Green (RAL 6005)	Fir Green (RAL 6009)	Creamy White (RAL 9001)	Steel Blue (RAL 5011)	Quartz Grey (RAL 7039)	
Black Sablé (Futura Sand Black 2100)	Grey Sablé (Futura Sand Grey 2900)	Cedar Woodgrain*	Iron Glimmer (DB703)	Beige (RAL 1019)	

COLOUR SURCHARGE

Brilliant White is the standard colour. Other colours are available at a price of **£16.27** per m2 net



Manual Belt Operation

Width including guide rails (mm)

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800
1000	411	426	439	464	482	502	520	551	567	595	617	643	664	713	728	740	763	794	811
1100	419	439	461	489	514	544	563	591	617	637	664	692	724	752	780	806	841		
1200	435	461	482	514	544	567	591	608	643	672	708	736	758	788	825	856	884		
1300	449	471	508	533	563	591	617	658	672	708	740	769	811	821	857				
1400	466	502	527	563	591	622	652	687	716	750	769	811	845						
1500	482	529	551	586	620	652	687	716	744	785	807	848							
1600	533	573	608	643	672	716	758	794	821	831									
1700	556	595	628	668	704	744	775	830	873										
1800	573	617	652	698	742	769	818	863											
1900	595	637	672	716	758	808	857												
2000	608	658	704	744	788	847													
2100	628	672	724	763	811	885													
2200	652	698	744	800	841														
2300	677	732	763	824															
2400	708	758	811	850															
2500	740	780	831																
2600	788	806	852																
2700	806	825																	
2800	825	848																	

▲ Swivel Belt ▼ Geared Belt

Maximum shutter height including box for each box size*

137 mm
*Up to 800 mm

165 mm

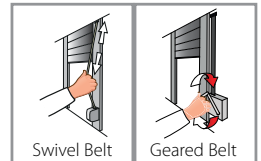
180 mm

205 mm

KEY:

Window or Door

Type of Operation:



Rod Crank / Spring & Lock Operation

Width including guide rails (mm)

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	
1000	457	480	507	530	556	582	607	632	658	692	704	713	740	763	788	812	838	859	885	886	886	922	953	975	999	1022	1046	1071	1093	1117	1138	
1100	487	513	544	570	596	626	655	680	718	747	759	772	800	827	854	882	907	932	967	970	972	1002	1035	1059	1086	1111	1138	1169	1197	1225	1252	
1200	512	544	573	602	632	664	702	734	762	791	808	821	850	881	907	934	972	1000	1030	1034	1037	1072	1104	1136	1169	1195	1225	1254	1279	1307	1336	
1300	531	564	593	627	658	700	732	760	794	824	841	855	885	917	951	981	1012	1041	1075	1078	1083	1121	1160	1189	1220	1250	1276	1306	1336	1365	1393	
1400	558	591	626	659	702	736	769	804	838	873	886	902	939	973	1005	1037	1072	1102	1134	1151	1169	1197	1228	1260	1289	1322	1352	1384	1416	1447	1478	
1500	583	620	656	701	736	772	808	844	881	917	932	957	992	1025	1059	1094	1130	1172	1208	1221	1233	1265	1300	1329	1364	1396	1429	1470	1506			
1600	602	639	687	724	760	799	837	874	910	954	972	991	1025	1060	1097	1133	1177	1216	1252	1265	1278	1310	1344	1380	1415	1453	1493	1527	1562			
1700	628	667	715	755	796	837	876	914	961	999	1018	1037	1077	1112	1161	1197	1235	1275	1315	1329	1345	1380	1414	1454	1498	1533	1569					
1800	659	710	752	796	837	880	922	968	1009	1051	1075	1094	1134	1184	1225	1265	1306	1346	1387	1404	1422	1463	1503	1542	1581	1618	1658					
1900	693	740	783	827	873	914	966	1009	1053	1097	1120	1143	1193	1235	1278	1321	1364	1406	1448	1473	1499	1536	1571	1612	1654							
2000	733	777	824	874	921	966	1018	1066	1111	1159	1183	1217	1261	1306	1350	1395	1442	1487	1531	1559	1586	1622	1660	1704								
2100	750	799	847	895	940	998	1046	1094	1144	1191	1226	1251	1299	1343	1390	1433	1480	1540	1587	1613	1639	1675	1709									
2200	774	825	878	927	983	1034	1084	1134	1185	1245	1272	1300	1345	1394	1443	1492	1552	1598	1650	1676	1706											
2300	802	854	907	961	1018	1072	1122	1176	1237	1292	1319	1345	1395	1446	1498	1559	1610	1659	1713	1741												
2400	818	875	928	988	1041	1096	1151	1216	1269	1322	1350	1380	1430	1483	1547	1597	1651	1701	1754													
2500	917	974	1035	1099	1160	1220	1277	1347	1406	1468	1498	1524	1586	1653	1709	1767	1824	1883														
2600	933	996	1063	1122	1184	1245	1317	1378	1437	1499	1530	1560	1631	1688	1745	1806	1863															
2700	962	1023	1093	1155	1220	1292	1354	1419	1480	1546	1577	1617	1678	1741	1803	1861																
2800	987	1056	1122	1188	1255	1328	1394	1460	1522	1591	1622	1667	1730	1793	1855																	

Maximum size for rod crank operation

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

60 mm axle

70 mm axle

Maximum shutter height including box for each box size

137 mm

*Up to 800 mm

165 mm

180 mm

205 mm

SECOND SPRING

When required (as shown above) a surcharge of £50.32 must be added to the appropriate shutter price.

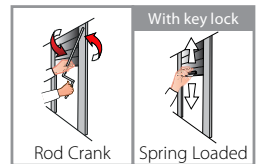
KEY:

Window or Door

Door with second spring or a window

Window only – cannot be a door

Type of Operation:



Minimum width for Spring Loaded shutters: Less than or equal to 2400 mm in height = **665 mm**. Greater than 2400 in height = **875 mm**.

Please contact Customer Services for smaller sizes. Special Portico springs will incur longer lead times.

SECOND SPRING
When required (as shown above) a surcharge of **£50.32** must be added to the appropriate shutter price.



LARGER WIDTHS AVAILABLE:


SeceuroShield 38 can be manufactured to suit wider openings. Contact your Account Manager if you require a price and more details. Please note SeceuroShield 38 over 4 m wide will require H40/S guide rails and may also require a larger shutter box.

Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000
1000	755	775	788	811	831	848	872	898	917	942	966	991	1010	1063	1076	1085	1111	1142	1159	1182	1205	1227	1252	1273	1300	1317	1331	1358	1382	1406	1430
1100	766	788	808	838	860	888	909	936	966	984	1010	1038	1073	1099	1126	1153	1186	1211	1240	1259	1276	1299	1316	1342	1366	1396	1428	1454	1483	1509	1538
1200	783	808	831	860	888	917	936	956	991	1022	1056	1083	1107	1134	1172	1205	1230	1250	1265	1289	1316	1340	1364	1382	1398	1426	1451	1512	1571	1598	1629
1300	797	818	854	884	909	936	966	1005	1022	1056	1085	1118	1159	1186	1211	1234	1260	1276	1308	1340	1369	1399	1430	1454	1479	1505	1531	1560	1591	1616	1647
1400	813	848	876	909	936	971	999	1034	1068	1096	1118	1159	1193	1205	1234	1260	1331	1347	1364	1390	1414	1437	1463	1478	1494	1547	1596	1629	1658	1688	1720
1500	831	880	898	931	968	999	1034	1068	1090	1142	1168	1195	1232	1276	1304	1331	1364	1395	1460	1471	1483	1494	1505	1553	1600	1634	1666	1696	1730	1763	1794
1600	884	923	953	991	1022	1068	1107	1142	1177	1211	1234	1270	1308	1342	1374	1406	1390	1474	1505	1539	1569	1600	1634	1665	1693	1730	1767	1801	1835	1869	1904
1700	902	942	975	1016	1050	1090	1122	1177	1211	1234	1270	1308	1342	1374	1414	1450	1445	1510	1549	1579	1606	1636	1666	1698	1735	1767	1800	1835	1869	1916	1961
1800	923	966	999	1045	1087	1118	1168	1205	1225	1260	1302	1331	1374	1414	1447	1486	1519	1558	1586	1617	1653	1688	1724	1757	1785	1823	1858	1906	1951	1989	2026
1900	942	984	1022	1068	1107	1159	1197	1220	1252	1284	1324	1369	1402	1440	1479	1524	1569	1617	1636	1674	1713	1747	1785	1821	1853	1904	1955	1993	2032	2074	2113
2000	956	1005	1050	1090	1134	1177	1205	1245	1284	1318	1364	1402	1445	1479	1519	1549	1588	1648	1690	1730	1769	1808	1847	1898	1951	1991	2030	2074	2114	2156	2198
2100	975	1022	1073	1111	1159	1193	1234	1270	1310	1351	1393	1445	1479	1519	1549	1588	1629	1676	1744	1785	1826	1867	1909	1968	2025	2068	2112	2155	2198	2242	2285
2200	999	1045	1090	1148	1186	1211	1260	1304	1346	1389	1432	1474	1514	1549	1586	1621	1663	1722	1799	1842	1886	1928	1971	2038	2108	2152	2196	2241	2285	2330	2374
2300	1025	1078	1111	1168	1193	1245	1284	1324	1374	1414	1460	1505	1547	1591	1621	1659	1695	1765	1851	1895	1940	1983	2029	2106	2182	2227	2267	2315	2361	2427	2487
2400	1056	1107	1159	1205	1243	1284	1360	1378	1419	1468	1514	1558	1602	1641	1678	1724	1749	1794	1909	1954	2000	2042	2088	2155	2220	2269	2318	2382	2444	2496	2640
2500	1085	1126	1177	1250	1273	1316	1364	1408	1450	1539	1591	1641	1693	1744	1799	1847	1907	1957	2026	2079	2133	2188	2246	2280	2315	2367	2424	2545	2640	2695	2751
2600	1134	1153	1197	1276	1304	1331	1395	1442	1512	1564	1616	1672	1725	1778	1832	1891	1961	2013	2066	2119	2174	2231	2288	2344	2397	2466	2533	2584	2668	2725	2776
2700	1153	1184	1240	1308	1336	1349	1428	1474	1549	1604	1659	1715	1769	1824	1888	1940	2013	2068	2122	2178	2232	2291	2354	2424	2492	2548	2725	2779	2842	2921	2982
2800	1172	1193	1265	1336	1360	1378	1460	1505	1588	1645	1700	1760	1815	1880	1935	2010	2065	2122	2179	2239	2291	2368	2444	2503	2559	2817	2916	2980	3046	3147	3207
3000	1211	1232	1331	1393	1419	1468	1521	1569	1590	1713	1770	1869	1936	1974	2033	2095	2239	2302	2355	2417	2480	2542	2554	2787	2854	3088	3317	3386	3449	3520	3586
3200	1288	1330	1371	1465	1479	1522	1588	1634	1715	1778	1886	1946	1991	2056	2200	2263	2330	2394	2455	2518	2535	2808	2848	3070	3147	3214	3443	3520			
3400	1346	1394	1440	1521	1602	1663	1734	1785	1875	1965	2032	2103	2176	2246	2300	2403	2476	2499	2570	2774	2819	3070	3141	3214	3288	3361					
3600	1352	1430	1508	1651	1727	1804	1882	1957	2038	2137	2213	2290	2367	2443	2523	2641	2718	2795	2815	3030	3106	3180	3260	3335							
3800	1413	1493	1637	1720	1801	1882	1964	2051	2151	2230	2312	2395	2474	2554	2674	2756	2837	2924	3060	3089	3219	3293									
4000	1466	1551	1750	1783	1868	1954	2037	2136	2249	2318	2402	2486	2575	2655	2826	2866	2949	3058	3162	3241	3330										
4200	1536	1618	1767	1827	1931	2021	2113	2204	2345	2423	2508	2597	2688	2770	2942	3008	3100	3237	3324												
4400	1602	1692	1780	1875	1989	2091	2186	2273	2435	2524	2612	2706	2802	2883	3060	3154	3247	3335													
4600	1645	1740	1826	1922	2058	2154	2247	2402	2503	2599	2693	2787	2874	3060	3154	3247	3341														
4800	1685	1780	1883	1995	2113	2212	2367	2472	2574	2666	2769	2856	3046	3141	3241	3335															
5000	1734	1834	1935	2071	2179	2280	2442	2544	2652	2754	2856	3039	3141	3241	3341																

Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

Type of Operation:
Electric



4" axle

Height including shutter box (mm)

← 60 mm axle, → 70 mm axle

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

137 mm

*Up to 800 mm

165 mm

180 mm

205 mm

These will require 250 mm

250 mm

Maximum shutter height including box for each box size

KEY:

Window or Door
Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required a surcharge of **£121.05** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£129.20** must be added to the appropriate shutter price – see page 25.

SOMFY RTS MOTORS

Available on window shutters at an upgrade of **£226.32**. For control accessories see page 25.



Type of Operation: Electric

Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

Alternative Somfy motor available at a surcharge of **£35.00** net

Overview of SeceuroShield 38

COMMON APPLICATIONS

High security domestic sites, medium security office/ commercial use dependent upon aperture size and risk. Small shopfronts and single garage doors with restricted headroom.

CONSTRUCTION

Curtain Slat
SeceuroShield 38 uses a double skin extruded aluminium slat.

Bottom Slat
Extruded aluminium with rubber bottom seal. Reinforcing handle option (AEGR) surcharge **£9.31** per linear metre or reinforcing handle & rubber option surcharge **£11.97** per linear metre. This bottom slat features a top quirk which can be removed and turned around in the event that the bottom slat lock needs to face the other way.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes will be supplied with zinc plated steel end plates.

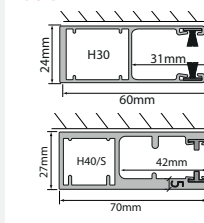
Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 5 mm pile brush seals. H30 guide profile as standard, H17 and H25 are available on request and H40/S is available at extra cost – (see page 18) Please note H17 guide rail is suitable for internal use only.

SLAT



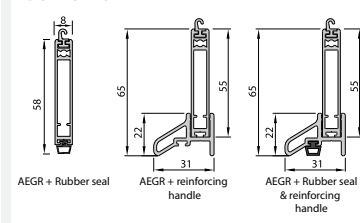
GUIDE RAIL



H30 guide profile supplied as standard, H17 and H25 on request

H40/S guide rail is available (see page 18)

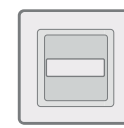
BOTTOM SLAT



STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

Brilliant White (RAL 9016)	Black (RAL 9005)
Brown (RAL 8014)	Cream (RAL 1015)

Please note:
Colour references on standard product are a guide only and will not match powder coated finish.



Somfy Inteo Inis Uno switch, Single Pole



Somfy Inteo Surface Box, White



Somfy Inteo Inis Flush Mounting Box



THIS PRODUCT CAN BE POWDER COATED
See page 66



Punched or Perforated (No Glazing)

Width including guide rails (mm)

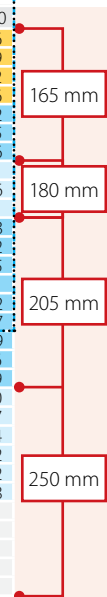
◀ 60 mm axle, ▶ 70 mm axle

▶ Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	47	50	59	65	68	72	78	81	84	92	98	102	106	111	114	119	125	131	136	140	146
1100	51	59	66	69	76	80	83	89	96	102	106	112	116	122	127	133	139	146	150	153	159
1200	64	68	74	79	83	89	98	103	109	114	120	127	133	140	147	152	156	163	171	177	182
1300	67	72	79	84	92	99	106	112	117	125	132	139	146	152	156	163	172	178	184	189	196
1400	74	81	86	96	103	111	117	123	132	140	149	153	161	170	177	184	189	214	204	216	222
1500	79	84	94	102	111	117	125	133	141	150	155	163	173	181	187	195	203	214	220	227	235
1600	84	96	103	112	120	128	139	147	154	163	172	181	187	196	206	217	224	230	239	249	256
1700	89	101	109	117	127	138	147	154	163	173	182	192	198	213	220	228	236	246	254	265	271
1800	99	109	117	128	139	150	156	168	178	186	196	206	219	227	236	247	255	267	275	287	296
1900	104	113	123	136	147	154	166	177	186	196	206	219	228	238	248	261	269	282	289	300	311
2000	109	119	131	141	152	162	175	185	195	206	219	228	238	249	262	270	284	295	303	316	328
2100	113	125	138	150	159	171	182	193	204	218	228	238	249	264	271	286	296	304	321	332	342
2200	120	133	147	156	171	182	194	206	220	229	244	254	267	279	292	302	316	330	339	351	365
2300	127	140	152	163	178	189	200	217	228	239	252	266	279	292	302	316	332	342	352	366	381
2400	133	149	161	175	186	198	217	228	239	254	268	284	295	307	323	336	346	362	377	390	402
2500	140	153	168	181	194	211	223	236	249	265	279	294	304	322	335	346	362	377	390	403	417
2600	149	161	177	189	204	222	235	249	265	279	294	307	324	337	351	366	382	396	413	425	439
2700	152	168	182	196	216	228	244	256	271	288	302	321	335	348	365	381	395	412	422	439	456
2800	159	175	192	206	224	238	254	270	287	302	321	335	350	366	382	398	415	432	447	463	479
2900	171	186	203	222	237	254	270	288	303	323	338	355	372	390	407	421	439	457	476	492	510
3000	182	198	220	236	254	271	292	310	330	345	365	382	401	418	437	456	472	492	511	529	547
3400	194	217	234	252	271	294	311	333	350	370	390	412	430	448	468	487	507	527	547	565	584
3600	206	228	248	269	289	311	333	351	373	395	416	436	457	477	499	517	538	560	582	600	622
3800	222	244	265	287	307	332	351	373	396	418	439	463	485	507	529	551	571	594	617	637	662
4000	234	255	279	301	328	348	372	396	418	440	466	489	512	533	558	583	605	630	652	672	698
4200	246	269	295	321	343	369	394	417	440	466	490	514	538	565	589	614	637	664	687		
4400	256	285	310	336	362	386	414	438	465	490	516	539	567	593	620	645	670	697			
4600	270	298	327	351	379	407	434	461	487	513	539	569	594	622	649	677	704				
4800	285	311	339	369	397	422	454	481	511	537	567	594	623	652	680	708					
5000	296	327	355	384	415	445	472	503	531	564	592	621	652	680	710						

Maximum shutter height including box for each box size



KEY:

- Window or Door
- Window or Door with anti-drop brake

ANTI-DROP BRAKE
When required (as shown above) a surcharge of **£121.05** must be added to the appropriate shutter price.

Surcharge
Prices shown are a surcharge which must be added to the appropriate shutter price.

Please note
If the shutter contains a combination of punched and solid slats refer to the table for Punched with Glazing to identify if you will require an anti-drop brake.

Overview of SeceuroVision 38

The prices shown are the surcharge for fully perforated, fully punched or fully punched and glazed shutters, up to the underside of the box. If you require only a section of the shutter curtain to contain vision please use the calculation below.

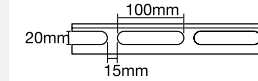
THIS PRODUCT IS NOT AVAILABLE WITH H17 GUIDE RAILS, WIND ENDLOCKS OR BRICK BOND SPACING

Use of solid slat
Solid slats are always used within the shutter box, part of a solid slat may be visible on a completely punched curtain.

Larger Widths
If 4 or less punched or 10 or less perforated vision slats are required in a SeceuroShield 38 Built-on shutter the maximum width increases to 4000 mm.

If partial vision within a curtain:
Punched or perforated vision surcharge = (number of slats x total width of shutter) x **£2.38** per linear metre
Punched and glazed vision surcharge = (number of slats x total width of shutter) x **£4.93** per linear metre

SLAT

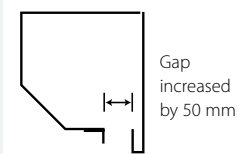


Punched 44% vision (picture shows polycarbonate glazing).

Perforated 18% vision 5 mm dia. 35 holes per 100 mm of slat.

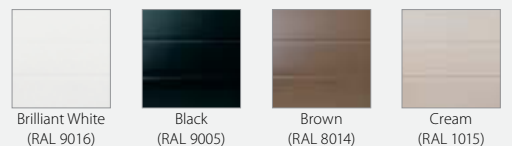
Glazing available.

BOX LID



Box lids over 2000 mm are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES



THIS PRODUCT CAN BE POWDER COATED
Please note: Colour references on standard product are a guide only and will not match powder coated finish.

Stainless Steel shutter available.
Please contact your Account Manager for a quotation.



Punched or Perforated (With Glazing)

Width including guide rails (mm)

◀ 60 mm axle, ▶ 70 mm axle

▶ Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

Height including shutter box (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	98	106	114	125	136	146	153	163	173	182	192	200	214	222	229	239	249	261	269	279	288
1100	106	116	127	139	150	159	171	181	192	200	216	224	234	245	254	266	275	287	298	307	321
1200	120	133	147	156	171	182	194	206	220	229	244	254	267	279	292	302	316	330	339	351	365
1300	132	146	156	172	184	196	213	224	236	249	265	275	289	301	316	332	342	355	369	382	395
1400	149	161	177	189	204	222	235	249	265	279	294	307	324	337	351	366	382	396	413	425	439
1500	155	173	187	203	220	235	251	267	284	298	314	332	344	361	378	394	410	421	438	456	470
1600	172	187	206	224	239	256	275	294	310	328	343	362	379	396	414	432	448	465	481	499	516
1700	182	198	220	236	254	271	292	310	330	345	365	382	401	418	437	456	472	492	511	529	547
1800	196	219	236	255	275	296	316	336	355	377	395	415	435	454	472	495	513	531	552	571	592
1900	206	228	248	269	289	311	333	351	373	395	416	436	457	477	499	517	538	560	582	600	622
2000	219	238	262	284	303	328	346	370	391	415	436	457	479	501	522	546	566	587	609	632	655
2100	228	249	271	296	321	342	365	386	412	434	456	479	502	523	547	569	592	615	637	662	685
2200	244	267	292	316	339	365	387	414	437	463	486	511	532	558	583	607	632	657	680	704	731
2300	252	279	302	332	352	381	404	432	456	481	507	531	556	583	607	633	658	685	708	735	759
2400	268	295	323	346	377	402	430	456	482	510	536	564	590	617	644	669	698	724	751	777	806
2500	279	304	335	362	390	417	445	472	502	529	556	584	613	639	668	697	724	751	780	807	837
2600	294	324	351	382	413	439	469	499	529	558	587	617	645	672	704	735	763	794	821	852	882
2700	302	335	365	395	422	456	486	516	547	578	607	637	668	698	731	759	789	818	850	882	911
2800	321	350	382	415	447	479	511	539	573	605	637	669	701	734	765	799	830	859	891	925	957
2900	338	372	407	439	476	510	545	578	612	644	678	711	746	781	814	848	883	917	950	983	1016
3000	365	401	437	472	511	547	583	620	657	691	731	765	802	838	875	911	948	984	1020	1055	1094
3400	390	430	468	507	547	584	623	664	701	741	780	817	856	896	933	973	1013	1051	1088	1131	1169
3600	416	457	499	538	582	622	665	705	747	788	830	873	912	954	996	1037	1080	1120	1162	1204	1245
3800	439	485	529	571	617	662	704	748	794	837	882	925	970	1012	1055	1099	1146	1188	1232	1277	1320
4000	466	512	558	605	652	698	746	790	838	885	930	978	1023	1072	1118	1166	1211	1258	1304	1349	1390
4200	490	538	589	637	687	736	785	836	884	931	981	1032	1080	1130	1177	1227	1276	1323	1373		
4400	516	567	620	670	722	773	827	880	929	981	1033	1084	1136	1186	1237	1289	1343	1394			
4600	539	594	649	704	756	813	864	922	975	1030	1083	1137	1191	1245	1301	1352	1406				
4800	562	623	680	736	794	850	906	964	1020	1078	1133	1189	1248	1304	1360	1418					
5000	592	652	710	769	830	887	948	1005	1068	1126	1184	1244	1303	1362	1421						

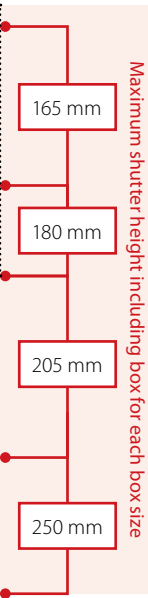


Width including guide rails (mm)

	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
1000	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1197	1228	1250	1275	1300	1323	1346
1100	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1186	1213	1234	1263	1289	1319	1340	1381	1408	1429
1200	1184	1184	1184	1184	1184	1184	1184	1184	1184	1184	1206	1241	1269	1300	1323	1352	1394	1422	1450	1478	1505
1300	1184	1184	1184	1184	1184	1184	1184	1184	1186	1221	1250	1275	1305	1340	1381	1408	1436	1465	1499	1527	1554
1400	1184	1184	1184	1184	1184	1184	1184	1206	1234	1269	1300	1330	1373	1408	1436	1472	1499	1536	1561	1596	1634
1500	1184	1184	1184	1184	1184	1184	1213	1250	1281	1319	1346	1403	1429	1465	1499	1536	1568	1596	1634	1667	1716
1600	1184	1184	1184	1184	1184	1213	1250	1319	1367	1403	1436	1472	1505	1542	1577	1611	1647	1694	1736	1770	
1700	1184	1184	1184	1197	1234	1275	1310	1352	1403	1443	1478	1519	1554	1596	1634	1674	1728	1766	1807	1842	1884
1800	1184	1184	1186	1228	1263	1305	1346	1403	1436	1478	1514	1561	1596	1638	1674	1736	1770	1815	1847	1891	1933
1900	1184	1184	1221	1263	1305	1346	1403	1443	1486	1527	1568	1611	1653	1694	1749	1800	1834	1878	1917	1959	2009
2000	1184	1221	1269	1310	1360	1403	1460	1505	1548	1596	1638	1688	1742	1784	1834	1884	1926	1967	2009	2058	2106
2100	1197	1250	1289	1340	1334	1443	1493	1542	1586	1634	1674	1736	1784	1826	1878	1917	1967	2015	2058	2127	2211
2200	1234	1275	1323	1381	1436	1486	1536	1586	1634	1678	1742	1790	1842	1891	1933	1981	2036	2078	2148	2226	2280
2300	1263	1310	1360	1416	1478	1527	1577	1634	1678	1728	1790	1847	1896	1945	1994	2042	2099	2169	2246	2303	2352
2400	1281	1340	1389	1460	1505	1554	1611	1659	1716	1778	1826	1884	1938	1988	2036	2083	2163	2246	2293	2352	2404
2500	1319	1367	1422	1493	1542	1596	1653	1709	1778	1826	1884	1933	1994	2042	2099	2176	2256	2308	2361	2352	2476
2600	1340	1394	1460	1519	1577	1625	1678	1760	1815	1862	1917	1972	2029	2083	2163	2246	2303	2356	2411	2419	2594
2700	1367	1422	1493	1554	1611	1667	1724	1800	1854	1910	1972	2029	2083	2169	2246	2308	2361	2428	2482	2471	2663
2800	1403	1472	1527	1592	1653	1709	1784	1847	1902	1959	2021	2078	2163	2251	2308	2368	2433	2487	2614	2668	2734
3000	1616	1694	1766	1826	1896	1972	2036	2106	2169	2240	2303	2411	2482	2544	2606	2678	2812	2872	2942	3003	3072
3200	1688	1749	1821	1891	1972	2042	2114	2181	2251	2345	2433	2503	2576	2644	2774	2843	2921	2991	3057	3123	3202
3400	1742	1821	1891	1981	2058	2127	2197	2273	2368	2462	2538	2606	2686	2823	2900	2973	3047	3123	3193	3261	3348
3600	1800	1878	1951	2042	2119	2197	2273	2368	2476	2552	2628	2704	2843	2921	2998	3072	3158	3237	3295	3466	3550
3800	1854	1933	2029	2106	2189	2265	2368	2471	2552	2638	2712	2860	2942	3025	3104	3179	3272	3423	3508	3583	3668
4000	1902	2003	2083	2169	2256	2337	2462	2544	2638	2720	2866	2948	3040	3123	3207	3289	3459	3541	3625	3706	3794

← 60 mm axle, → 70 mm axle

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.



Please note
This product is not available with punched or perforated slats

SPECIAL LPCB RESTRICTIONS
A SeceuroShield 3801 must be supplied with either a lock in the bottom slat or a pair of bullet locks attached to the guide rails. The price shown includes a lock in the bottom slat. The surcharge for upgrading to bullet locks in place of the bottom slat lock is **£34.00**. SeceuroShield 3801 is available with a manual override. The manual override handle must only be operated from the inside of the building. (Not included in the price shown).
The validity of the LPCB certification is contingent upon each shutter being installed in accordance with the requirements of LPS 1175. Details available on request.

Minimum Width 900 mm
Minimum Height 900 mm
Maximum Width 3000 mm
Maximum Height 4000 mm



All approved shutters must carry a label detailing the manufacturer, test standard and rating.

KEY:
Window or Door
Window or Door with anti-drop brake

ANTI-DROP BRAKE
When required a surcharge of **£121.05** must be added to the appropriate shutter price.

MANUAL OVERRIDE
To add the option of manual override a surcharge of **£129.20** must be added to the appropriate shutter price – see page 25.

Overview of SeceuroShield 3801

COMMON APPLICATIONS

Domestic, retail and commercial properties requiring an above average level of security.

CONSTRUCTION

SeceuroShield 3801 uses a double skin extruded aluminium slat fitted with anti-vandal windlocks.

Bottom Slat

Extruded aluminium with steel reinforcing angle. Supplied with a lock in the bottom slat unless bullet locks are requested (£34.00 surcharge applies) see page 18 for details. The locks must be disengaged before operating the shutter or the motor will be damaged.

Shutter Box

Steel end plates with two piece roll formed aluminium box.

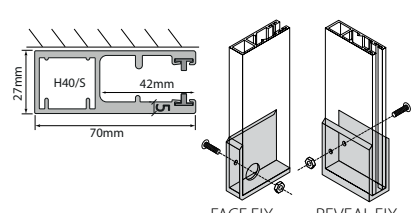
Guide Rails

H40/S high security guides reinforced with steel sections at the base.

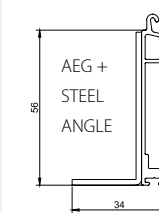
SLAT



GUIDE RAIL



BOTTOM SLAT



SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order.
Switches are supplied "hold to run" for safety.



Somfy Inis Uno switch, Single Pole



Somfy Inis Uno Surface Box, White



Somfy Inis Uno Flush Mounting Box

Accessories - For applicable accessories and components see pages 18-27 & 42-50

STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES



THIS PRODUCT CAN BE POWDER COATED
See page 66

Please note: Colour references on standard product are a guide only and will not match powder coated finish.

Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	477	507	558	608	669	722	772	824	876	932	984	1068	1118	1270	1324	1383
1200	530	566	634	696	755	814	876	939	1001	1059	1142	1219	1279	1431	1496	1559
1400	551	623	691	756	824	895	963	1029	1111	1181	1248	1330	1398	1567	1637	1707
1600	602	687	759	836	917	991	1066	1159	1232	1308	1383	1486	1561	1728	1807	1888
1800	656	735	814	901	983	1083	1162	1244	1324	1418	1498	1597	1678	1852	1937	2021
2000	806	899	999	1093	1206	1301	1394	1490	1604	1715	1821	1922	2031	2136	2270	2367
2200	854	957	1066	1168	1288	1392	1494	1604	1715	1821	1922	2031	2136	2270	2367	
2400	891	1007	1113	1244	1351	1463	1581	1696	1806	1916	2024	2141	2250			
2600	940	1066	1198	1319	1433	1562	1686	1806	1922	2037	2164	2283				
2800	998	1122	1268	1393	1527	1659	1786	1912	2037	2171						

▶ Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

◀ all axles 70 mm

Minimum width for Spring Loaded shutters:
Less than or equal to 1900 mm in height = **755 mm**.
Greater than 1900 in height = **965 mm**.

Maximum shutter height including box for each box size

205 mm

250 mm

SECOND SPRING
When required a surcharge of **£50.32** must be added to the appropriate shutter price.

Type of Operation:



KEY:

Yellow	Window or Door
Light Blue	Window or Door with second spring
Dark Blue	Window only – cannot be a door

Overview of SeceuroShield 60

COMMON APPLICATIONS

Higher security on shop fronts and vulnerable office/commercial applications wherever special colours are required.

CONSTRUCTION

Curtain Slat

SeceuroShield 60 uses a double walled aluminium slat.

Bottom Slat

Extruded aluminium with reinforcing angle.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of 75 kg upwards) will be supplied with zinc plated steel end plates.

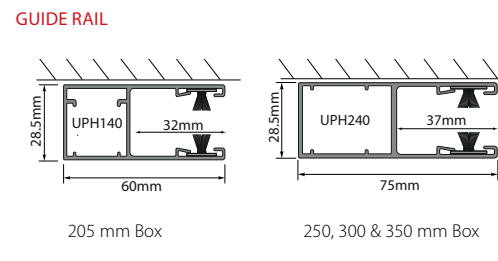
Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density pile brush seals. UPH140 guides supplied with 205 mm box, UPH240 guides supplied with 250, 300 and 350 mm box. UPH250 recommended on wider shutters and for shutters requiring higher security with 250, 300 or 350 mm box.

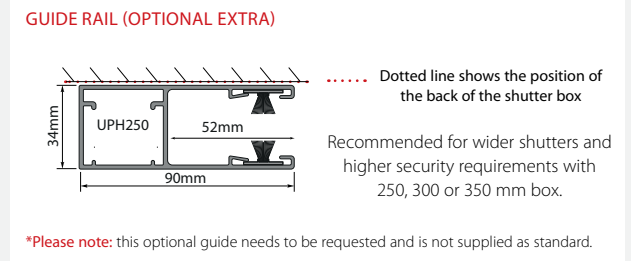
SLAT



GUIDE RAIL



GUIDE RAIL (OPTIONAL EXTRA)



STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES

Brilliant White (RAL 9016)	Black (RAL 9005)	Brown (RAL 8014)	Cream (RAL 1015)

Please note: Colour references on standard product are a guide only and will not match powder coated finish.



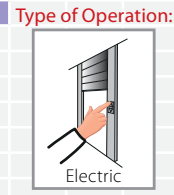


Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000
1000	718	750	804	856	910	964	1018	1073	1125	1177	1231	1283	1339	1392	1445	1500	1741	1796	1852	1907	1965	2018	2075	2130	2182	2241
1200	772	811	875	933	998	1057	1120	1183	1244	1306	1367	1429	1551	1612	1675	1738	1928	1992	2057	2118	2182	2247	2312	2373	2436	2501
1400	791	858	928	998	1066	1133	1198	1269	1339	1405	1533	1600	1670	1738	1806	1872	2071	2141	2211	2283	2353	2424	2492	2562	2632	2700
1600	844	923	998	1076	1151	1227	1305	1381	1516	1593	1670	1744	1823	1898	1993	2070	2435	2520	2602	2688	2771	2853	2936	3020	3416	3313
1800	887	971	1053	1136	1220	1303	1384	1524	1610	1692	1774	1856	1959	2041	2123	2206	2578	2666	2756	2847	2935	3024	3239	3328	3668	3508
2000	1034	1130	1225	1321	1418	1514	1668	1766	1860	1957	2055	2166	2264	2358	2565	2663	2762	2860	2954	3177	3278	3374	3473	3572	3668	3765
2200	1083	1186	1289	1395	1500	1665	1768	1872	1978	2099	2204	2309	2411	2545	2731	2837	2944	3172	3281	3388	3493	3596	3704	3814	4066	4171
2400	1121	1231	1343	1453	1622	1735	1845	1956	2085	2197	2307	2417	2556	2667	2860	3095	3207	3322	3435	3547	3659	3773	4030	4142	4255	4368
2600	1170	1288	1407	1588	1706	1825	1944	2081	2201	2319	2438	2585	2704	2833	3149	3272	3393	3511	3632	3755	4023	4142	4262	4385	4507	4626
2800	1221	1347	1474	1660	1787	1917	2063	2189	2316	2443	2600	2737	2865	2991	3317	3444	3576	3703	3982	4108	4241	4368	4497	4626	5363	5505
3000	1277	1414	1606	1741	1878	2018	2169	2306	2448	2612	2755	2890	3024	3356	3492	3630	3766	4050	4186	4325	4459	4599	5327	5475	6222	6386
3200	1328	1472	1674	1818	1967	2129	2270	2412	2594	2745	2889	3030	3176	3513	3661	3951	4097	4244	4389	4534	4947	5414	6154	6323	6497	6836
3400	1378	1590	1740	1892	2068	2219	2368	2557	2709	2870	3021	3173	3327	3673	3973	4130	4282	4435	4591	4986	5432	6229	6409	6754	6936	
3600	1419	1636	1793	1957	2134	2290	2483	2644	2810	2967	3126	3284	3569	3943	4100	4262	4423	4584	4957	5439	5620	6584	6772			
3800	1470	1693	1860	2054	2218	2384	2584	2760	2926	3094	3258	3552	3719	4100	4269	4437	4805	4952	5328	5670	5860	6836				
4000	1509	1741	1919	2112	2284	2490	2664	2843	3018	3190	3486	3661	4049	4223	4396	4817	5187	5319	5502	6277	6473					
4200	1616	1800	1987	2185	2364	2582	2771	2952	3134	3317	3621	4016	4199	4383	4705	5202	5351	5532	6154							
4400	1668	1856	2071	2260	2483	2673	2871	3062	3250	3565	3755	4159	4350	4541	5013	5484	5646	6272								
4600	1895	2098	2346	2545	2776	2983	3217	3424	3648	3914	4117	4485	4767	4976	5432	5641	6229									
4800	2123	2337	2619	2832	3069	3289	3565	3783	4040	4260	4480	4811	5187	5406	5620	6260										
5000	2186	2411	2698	2926	3176	3402	3684	3948	4179	4407	4637	4976	5363	5583	5811	6459										

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

SeceuroDrive: 30 mm Box Extension
Somfy: 30 mm Box Extension
RTS Override - 810 mm
RTS Override - 850 mm



Minimum Width For Shutters:
Non-Override - 660 mm
Override - 710 mm
RTS Non-Override - 810 mm
RTS Override - 850 mm

Alternative Somfy motor available at a surcharge of £35.00 net

KEY:

Window or Door
Window or Door with anti-drop brake
Window and Door anti-drop surcharge

ANTI-DROP BRAKE
When required a surcharge of £142.81 must be added to the appropriate shutter price.

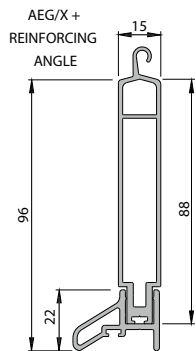
Window and Door anti-drop surcharge £228.50

MANUAL OVERRIDE
To add the option of manual override a surcharge of £129.20 must be added to the appropriate shutter price - see page 25.

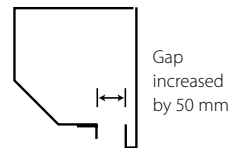
Overview of SeceuroShield 60

Accessories - For applicable accessories and components see pages 18-27 & 42-50

BOTTOM SLAT



BOX LID



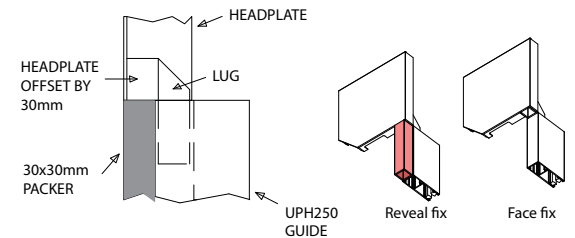
Box lids over 4600 mm
All box lids over 4600 mm wide are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order. Switches are supplied "hold to run" for safety.

BOX EXTENSION

A box extension is required on built-on SeceuroShield 60 shutters when; **SeceuroDrive:** curtain weight exceeds 149 kg on a 4" axle and when a 5" axle is needed, **Somfy:** when the curtain weight exceeds 172 kg on a 4" axle and 134 kg on a 5" axle. The projection is just 30 mm for face fixed shutters. If the shutter is reveal fixed the gap is made up using a 30 mm packer, as shown in the illustration. The overall width used when pricing and ordering shutters with box extensions is the overguide width (not including the box extension or 30 mm packer). If you are in any doubt please contact your trade sales Account Manager.



Somfy Inis Uno switch, Single Pole



Somfy Inis Uno Surface Box, White



Somfy Inis Uno Flush Mounting Box



Width including guide rails (mm)

Maximum recommended size for windy areas
(see page 60 for further details on wind loading)

Box lids over this width may suffer some deflection

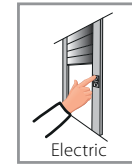
	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400
1000	739	768	811	847	891	939	986	1048	1084	1130	1174	1221	1265	1302	1347	1395	1443	1492	1601	1651	1696	1745	1794
1200	762	811	864	917	967	1032	1079	1146	1198	1233	1280	1329	1364	1418	1531	1588	1641	1695	1749	1806	1860	1916	1970
1400	794	853	917	974	1038	1088	1166	1206	1301	1329	1378	1427	1456	1558	1616	1676	1736	1796	1854	1914	1992	2054	2112
1600	859	929	998	1079	1150	1206	1276	1342	1408	1470	1530	1593	1653	1724	1789	1856	1926	2011	2079	2148	2213	2283	2351
1800	899	974	1060	1137	1194	1268	1342	1414	1483	1546	1612	1679	1742	1813	1904	1978	2052	2122	2197	2270	2369	2443	2518
2000	931	1025	1107	1174	1255	1329	1408	1483	1548	1650	1726	1803	1902	1981	2062	2142	2226	2307	2412	2496	2578	2665	2747
2200	974	1066	1159	1228	1315	1398	1477	1546	1618	1754	1839	1924	2057	2139	2229	2318	2435	2524	2622	2709	2798	2889	2978
2400	1032	1130	1212	1301	1383	1477	1563	1637	1709	1860	1947	2035	2165	2260	2387	2480	2583	2681	2774	2870	2964	3062	3155
2600	1107	1170	1270	1360	1474	1579	1683	1785	1912	2016	2118	2232	2337	2471	2576	2686	2787	2892	2998	3102	3206	3432	3534
2800	1146	1233	1327	1425	1548	1658	1769	1889	2015	2127	2239	2387	2497	2617	2729	2838	2949	3063	3172	3405	3518	3630	3742
3000	1182	1301	1383	1486	1611	1727	1851	1983	2102	2219	2372	2491	2617	2734	2852	2968	3088	3205	3442	3562	3679		
3200	1258	1339	1443	1548	1673	1803	1941	2065	2189	2351	2474	2602	2728	2852	2977	3100	3341	3468	3590	3718	3840		
3400	1315	1404	1563	1689	1827	1982	2119	2242	2412	2459	2597	2729	2860	2991	3121	3374	3506	3635	3766				
3600	1321	1471	1684	1834	1991	2159	2311	2460	2650	2810	2959	3109	3259	3411	3697	3846	3996	4148					
3800	1377	1597	1757	1914	2097	2253	2411	2608	2769	2934	3092	3250	3408	3701	3859	4018	4176						
4000	1429	1712	1823	1987	2192	2345	2510	2758	2876	3037	3202	3366	3664	3831	3994	4161							

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

All fluted axes 100 mm

Alternative Somfy motor available at a surcharge of £30.00 net

Type of Operation:



Minimum Width For Shutters Non-Override
660 mm
Override
710 mm

KEY:

	Window or Door
	Window or Door with motor and spring
	Window only – cannot be a door

ANTI-DROP BRAKE

NO SURCHARGE

Please note: There is no surcharge required for an anti-fall back device.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£129.20** must be added to the appropriate shutter price – see page 25.

Overview of SeceuroShield 77

COMMON APPLICATIONS

Ideal for single or double insulated garage doors. High security domestic shutters, medium security office entrance doors and external shopfronts. Wider sizes are designed for internal applications only making them ideal for use as room dividers, etc. Mix with SeceuroVision 800 for partial vision through the shutter if required.

CONSTRUCTION

Curtain Slat

SeceuroShield 77 uses a double walled foam filled aluminium slat.

Bottom Slat

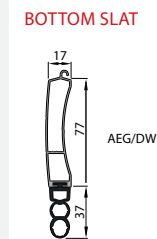
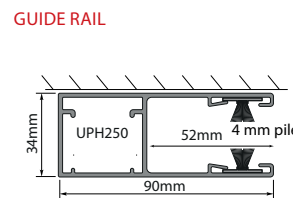
Extruded aluminium with rubber bottom seal.

Shutter Box

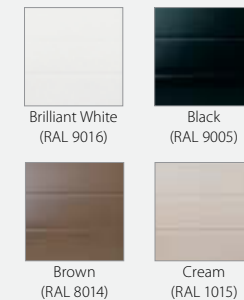
Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 4 mm pile brush seals. UPH250 guides supplied as standard.



BOTTOM SLAT, BOX & GUIDES



Please note:

Colour references on standard product are a guide only and will not match powder coated finish. Darker coloured double doors that are exposed to significant direct sunlight may be susceptible to expansion which may interfere with the operation of the door.

Boxes and guides are supplied in White, Brilliant White, Black, Brown or Cream at no extra charge.

SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order. Switches are supplied "hold to run" for safety.



Somfy Inis Uno switch, Single Pole



Somfy Inis Uno Surface Box, White



Somfy Inis Uno Flush Mounting Box



Width including guide rails (mm)

Height including shutter box (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	445	492	544	591	641	687	720	768	815	861	863	928	974	1020	1068	1110
1200	501	559	617	686	744	788	828	885	948	1004	1012	1078	1142	1193	1250	1304
1400	545	609	685	750	815	863	919	980	1044	1107	1142	1196	1260	1320	1381	1442
1600	587	669	743	814	887	948	1000	1072	1150	1221	1250	1310	1380	1455	1521	1592
1800	642	734	815	898	986	1048	1107	1194	1273	1351	1389	1466	1542	1616	1693	1770
2000	712	806	896	994	1084	1154	1230	1319	1405	1494	1547	1618	1706	1789	1878	1961
2200	756	855	961	1056	1155	1241	1315	1406	1512	1609	1665	1735	1825	1917	2009	2099
2400	801	906	1016	1121	1237	1319	1395	1508	1610	1713	1771	1846	1944	2042	2139	2146
2600	911	1036	1155	1281	1403	1493	1591	1704	1819	1934	2004	2083	2196	2307	2322	2440
2800	963	1095	1224	1359	1487	1586	1688	1809	1933	2057	2132	2219	2245	2367	2486	

Maximum shutter height including box for each box size

250 mm

300 mm

Minimum width for Spring Loaded shutters: 755 mm.

← all axles 70 mm

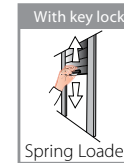
Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

ANTI-DROP BRAKE
NO SURCHARGE
Please note: There is no surcharge required for an anti-fall back device.

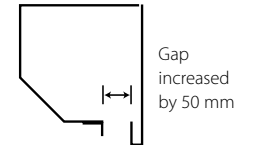
KEY:

Window
Door
Window with second spring
Door with second spring

Type of Operation:



BOX LID



Box lids over 4600 mm
All box lids over 4600 mm wide are reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and modified to allow for deflection of the curtain.

Overview of SeceuroShield 77

STOCK COLOURS



Standard box and guide colours are White, Brilliant White, Cream, Brown & Black. Alternative matching colours are available for a surcharge, see page 64.

Please note:
References quoted are the nearest standard RAL or BS references to the colours used. They will not be an exact match and are intended as a guide only.
Darker coloured double doors that are exposed to significant direct sunlight may be susceptible to expansion which may interfere with the operation of the door.

Accessories – For applicable accessories and components see pages 18-27 & 42-50

VISION SLATS – SECEUROVISION 800

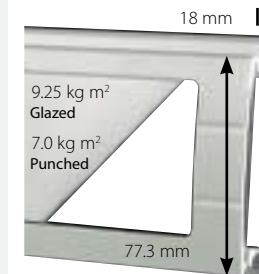
Vision can be added by including SeceuroVision 800 slats in the shutter curtain. SeceuroVision 800 uses a single skin extruded and punched aluminium slat which is also available with polycarbonate glazing strips (pictured right). Polycarbonate strips can be clear or frosted.

Punched Slat 7.0 kg m²
Punched & Glazed 9.25 kg m²
58.5% Vision

Price per linear metre punched **£13.13**
Price per linear metre punched & glazed **£16.52**

Please note:
There are 13 slats per metre of shutter height.

OPTIONAL SECEUROVISION 800 SLAT





Spring & Lock Operation Partially or Fully Punched (No Glazing)

Width including guide rails (mm)

Height including shutter box (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	498	529	586	640	706	762	816	874	928	991	1046	1131	1186	1344	1403	1464
1200	559	598	672	741	806	906	934	1007	1075	1138	1225	1307	1374	1531	1601	1672
1400	583	665	739	810	884	962	1035	1107	1196	1272	1345	1436	1674	1685	1763	1840
1600	643	735	816	900	988	1073	1154	1256	1339	1422	1504	1614	1818	1875	1964	2051
1800	700	789	881	974	1068	1173	1264	1352	1445	1546	1635	1743	2016	2113	2139	2552
2000	855	961	1072	1173	1300	1402	1506	1611	1725	1835	1938	2055	2309	2356	2464	
2200	912	1028	1147	1260	1394	1508	1621	1744	1866	1982	2097	2219	2449	2540		
2400	957	1084	1205	1346	1468	1591	1722	1849	1970	2092	2213	2345				
2600	1013	1150	1302	1431	1562	1704	1843	1976	2106	2239	2375	2510				
2800	1075	1216	1374	1515	1665	1813	1955	2095	2239	2386						

Maximum shutter height including box for each box size

250 mm

300 mm

SECOND SPRING
When required a surcharge of **£50.32** must be added to the appropriate shutter price.

Type of Operation:
With key lock
Spring Loaded

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

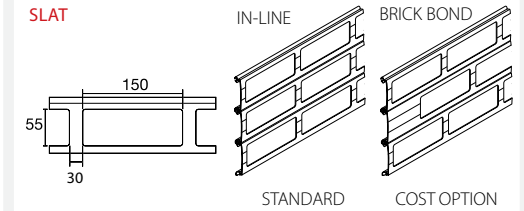
Minimum width for Spring Loaded shutters:
Less than or equal to **1850 mm** in height = **755 mm**.
Greater than **1850 mm** in height = **965 mm**.

← all axles 70 mm

SOLID PROFILE
Solid profile slat is available as a no cost option.

KEY:

Window or Door
Window or Door with second spring
Window only – cannot be a door



Shutters are supplied with in-line pattern as standard. Brick bond is available at a surcharge of **£1.55** per linear metre x number of slats. Shutters with a brick bond pattern require more time to manufacture – please check availability before ordering.



Glazing Surcharge

Width including guide rails (mm)

Height including shutter box (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000
1000	47	57	67	76	83	96	104	113	122	132	141	152	161	171	180	187	196	211	219	227	236	246	254	265	272	285
1200	61	71	82	96	106	117	131	141	153	166	178	187	198	216	224	236	248	261	270	285	296	304	321	333	342	352
1400	78	92	107	122	139	153	170	184	197	217	229	246	262	275	292	304	323	337	351	369	383	398	415	430	445	461
1600	88	106	123	141	159	178	194	216	229	248	266	285	300	321	336	352	372	390	410	422	443	461	479	496	513	531
1800	106	127	150	171	192	216	234	254	275	298	321	339	362	382	403	422	447	468	489	511	531	552	573	594	617	637
2000	117	141	166	187	216	236	261	285	304	333	352	378	402	422	449	471	496	519	545	567	590	614	637	662	686	708
2200	131	155	182	211	234	261	286	311	337	363	390	416	440	468	495	519	547	571	596	623	649	672	701	728	752	780
2400	149	178	206	236	266	296	327	352	383	415	443	471	502	531	563	590	620	649	679	708	739	768	799	827	855	886
2600	166	196	230	265	298	333	363	397	430	464	496	529	564	594	630	662	696	728	760	794	827	859	891	927	961	994
2800	178	216	248	285	321	352	390	422	461	496	531	567	602	637	671	708	744	780	814	850	886	923	957	994	1029	1063
3000	194	234	271	311	350	390	430	468	507	547	584	623	664	701	741	780	817	856	896	933	973	1013	1051	1088	1131	1169
3200	206	248	289	333	372	415	454	496	536	580	620	662	702	744	785	827	865	910	951	994	1034	1076	1117	1156	1197	1240
3400	219	264	303	348	394	437	480	523	567	613	656	700	743	786	830	875	919	963	1004	1049	1093	1136	1181	1224	1321	
3600	236	285	333	378	422	471	519	567	614	662	708	755	804	850	898	943	994	1038	1085	1133	1182	1228	1276			
3800	248	298	334	397	447	496	547	594	644	696	744	794	844	891	939	994	1036	1088	1142	1189	1240	1288				
4000	266	321	372	422	479	531	584	637	689	744	799	850	902	957	1009	1063	1117	1169	1222	1276	1328					
4200	278	334	387	445	501	555	612	666	720	777	834	887	942	999	1054	1110	1167	1221	1276	1331						
4400	296	352	415	471	531	590	649	708	768	827	886	943	1004	1063	1121	1182	1240	1301								
4600	304	369	430	490	552	614	672	736	800	859	923	983	1045	1105	1168	1228	1288									
4800	327	390	454	519	584	649	713	780	845	910	973	1038	1104	1169	1233	1301										
5000	336	403	470	537	605	671	741	808	878	939	1009	1078	1146	1212	1278	1346										

Maximum shutter height including box for each box size

250 mm

300 mm

350 mm

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

← 70 mm axle 100 mm collars
→ 4" 16 gauge axle

SeceuroDrive: 30 mm Box Extension

Somfy: 30 mm Box Extension. For further details see page 62.

→ 4" 10 gauge axle

→ 5" axle

KEY:

Window or Door
Window or Door with anti-drop brake
Window and Door anti-drop surcharge £211.28





Width including guide rails (mm)

Maximum recommended size for windy areas
(see page 60 for further details on wind loading)

Height including shutter box (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000	
	1000	741	773	831	889	946	1004	1060	1120	1176	1233	1295	1350	1406	1465	1521	1581	1826	1888	1945	2007	2064	2123	2182	2243	2303	2360
	1200	801	845	786	980	1048	1113	1183	1251	1318	1384	1451	1518	1647	1714	1781	1777	2048	2115	2185	2253	2322	2395	2462	2529	2600	2668
	1400	825	974	974	1050	1122	1197	1273	1347	1425	1499	1633	1707	1781	1855	1932	2008	2208	2287	2361	2440	2516	2594	2670	2747	2823	2902
	1600	886	1054	1054	1142	1225	1308	1394	1478	1621	1706	1789	1878	1961	2045	2150	2232	2605	2696	2791	2883	2975	3064	3155	3246	3336	3555
	1800	932	1025	1118	1208	1302	1393	1484	1636	1727	1821	1912	2006	2115	2205	2300	2394	2770	2868	2967	3065	3165	3260	3485	3585	3681	3780
	2000	1083	1191	1299	1402	1509	1614	1781	1888	1993	2099	2204	2328	2434	2542	2756	2866	2974	3084	3188	3423	3530	3637	3746	3854	3964	4072
	2200	1142	1258	1371	1490	1604	1781	1896	2012	2130	2264	2381	2496	2612	2756	2952	3069	3188	3432	3550	3668	3784	3905	4020	4139	4406	4520
	2400	1184	1308	1431	1554	1738	1861	1984	2108	2249	2372	2498	2620	2772	2897	3101	3351	3476	3596	3725	3852	3975	4100	4370	4497	4624	4750
	2600	1241	1374	1508	1701	1834	1969	2100	2250	2387	2519	2652	2815	2948	3089	3419	3555	3688	3824	3958	4096	4374	4512	4648	4783	4919	5054
	2800	1299	1437	1581	1783	1927	2068	2229	2372	2516	2656	2829	2982	3123	3264	3608	3750	3897	4037	4330	4474	4617	4764	4909	5054	5543	5697
3000	1362	1514	1725	1878	2025	2185	2354	2507	2665	2847	3005	3157	3312	3658	3814	3965	4120	4418	4571	4726	4881	5033	5503	5666	6172	6347	
3200	1418	1577	1799	1957	2127	2306	2468	2625	2824	2992	3155	3318	3478	3836	3996	4307	4472	4633	4797	4959	5174	5565	6098	6277	6638	6817	
3400	1473	1701	1870	2041	2239	2406	2579	2782	2953	3134	3306	3477	3648	4012	4330	4504	4676	4848	5021	5244	5464	6098	6453	6642	6836		
3600	1518	1758	1935	2118	2316	2494	2706	2888	3072	3250	3432	3611	3911	4308	4488	4668	4849	5028	5293	5526	5720	6529	6729				
3800	1574	1822	2010	2222	2407	2597	2819	3017	3204	3393	3579	3891	4080	4485	4675	4866	5078	5273	5565	5771	6398	6800					
4000	1625	1880	2079	2291	2487	2721	2914	3117	3314	3509	3830	4027	4436	4636	4833	5086	5308	5519	5728	6358	6762						
4200	1740	1945	2158	2381	2584	2826	3039	3244	3449	3658	3988	4408	4613	4824	5028	5308	5526	5746	6386								
4400	1796	2011	2249	2466	2713	2928	3151	3366	3580	3921	4137	4563	4783	4999	5226	5452	5670	6323									
4600	1858	2078	2315	2535	2796	3036	3256	3478	3696	4012	4228	4571	4851	5069	5291	5725	6070										
4800	1922	2146	2382	2603	2876	3140	3360	3585	3810	4100	4325	4580	4921	5140	5355	5999											
5000	1984	2214	2466	2743	2981	3254	3482	3710	4024	4252	4481	4870	5099	5329	5979	6206											

Shutter curtains over 50 kg will be supplied in multiple sections for assembly on site, ensuring that each section can be handled safely.

70 mm axle 100 mm collars
4"16 gauge

4"10 gauge

5" gauge

SeceuroDrive: 30 mm Box Extension

Somfy: 30 mm Box Extension – Please refer to the table to see when a box extension is required and see page 62 for more details.

Alternative Somfy motor available at a surcharge of £35.00 net

250 mm

300 mm

350 mm

Maximum shutter height including box for each box size

Minimum Width For Shutters:
Non-Override – 660 mm
Override – 710 mm
RTS Non-Override – 810 mm
RTS Override – 850 mm

Electric

KEY:

Window or Door

Window or Door with anti-drop brake

SOLID PROFILE

Solid profile slat is available as a no cost option.

MANUAL OVERRIDE

To add the option of manual override a surcharge of £129.20 must be added to the appropriate shutter price – see page 25.

ANTI DROP BRAKE SURCHARGE

£228.50

Please note:

Anti-drop brake – requirement areas and axle lines shown on this table only apply to punched slat. If mixed or solid see glazing table.

Box extension – For further details, please refer to SeceuroShield 600. If the shutter you require will contain a quantity of solid slat you must check the punched and glazed table for an indication of box extension requirement.

Overview of SeceuroShield 800



COMMON APPLICATIONS

Designed to provide the see-through protection demanded by many local authorities for high streets and modern shopping centres. Suitable for internal or selected external applications the combination of solid and punched slats achieve optimum strength while delivering up to 58.5% vision. Optional 1.5 mm polycarbonate inserts further enhance security on external installations. Alternative uses include bar/kiosk and commercial applications where permanent vision is required.

CONSTRUCTION

Curtain Slat

SeceuroVision 800 uses a single walled extruded and punched aluminium slat. Solid slats are always used within the shutter box, part of a solid slat may be visible on a completely punched curtain.

Bottom Slat

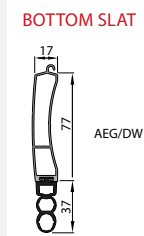
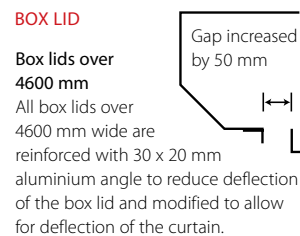
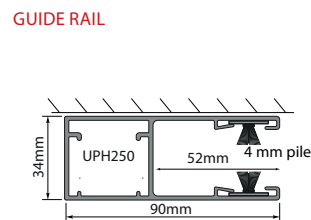
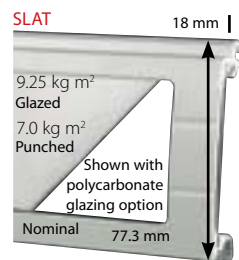
Extruded aluminium with rubber bottom seal.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

Extruded aluminium with box section for fixing/reinforcement and high density 4 mm pile brush seals. UPH250 guides supplied as standard.



SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order. Switches are supplied "hold to run" for safety.



Somfy Inteo Inis Uno switch, Single Pole



Somfy Inteo Surface Box, White

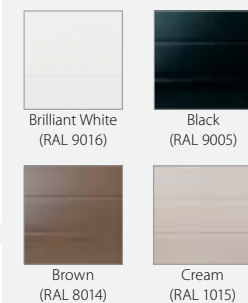


Somfy Inteo Inis Flush Mounting Box

To comply with current health and safety legislation, electrically operated shutter(s) must be monitored throughout operation. If this is not possible a safety device must be fitted. Due to the risk of entrapment in an open shutter or grille, control should only be by a momentary key switch. Remote or automatic control of any form requires a dedicated risk assessment and appropriate safety features e.g. photo cells at the top and bottom of the shutter on the risk side(s).

Accessories – For applicable accessories and components see pages 18-27 & 42-50

STOCK COLOURS FOR CURTAIN (SLATS), BOTTOM SLAT, BOX & GUIDES



Please note: Colour references on standard product are a guide only and will not match powder coated finish.

Please note: SeceuroVision 800 shutters with polycarbonate over 3600 mm in width are fitted with two vertical strips of spacers. These run the full length of the curtain to cushion the slats as they coil up and are visible from the concave side of the shutter.

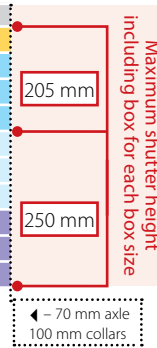


Spring & Lock Operation 150 mm Spacing

Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
1000	457	507	556	607	658	704	751	804	856	909	962	1088	1110	1131	1184	1243
1200	512	573	632	702	762	808	850	907	972	1030	1037	1104	1169	1225	1279	1365
1400	558	626	702	769	838	886	939	1005	1072	1134	1169	1228	1289	1352	1416	1478
1600	602	687	760	837	910	972	1025	1097	1177	1252	1278	1344	1415	1493	1562	1633
1800	659	752	837	922	1009	1075	1134	1225	1306	1387	1422	1503	1581	1658	1738	1816
2000	733	824	921	1018	1111	1183	1261	1350	1442	1531	1586	1660	1762	1835	1922	2010
2200	774	878	983	1084	1185	1272	1345	1443	1552	1650	1706	1778	1870	1966	2059	2154
2400	818	928	1041	1151	1269	1350	1430	1547	1651	1754	1818	1893	1993	2093	2196	2201
2600	933	1063	1184	1317	1437	1530	1631	1745	1863	1981	2055	2185	2250	2361	2382	2501
2800	987	1122	1255	1394	1522	1622	1730	1855	1981	2108	2182	2275	2302	2430	2550	2671

Minimum width for Spring Loaded shutters:
Less than or equal to **2450 mm** in height = **755 mm**.
Greater than **2450 mm** in height = **965 mm**.



SECOND SPRING
When required a surcharge of **£50.32** must be added to the appropriate shutter price.

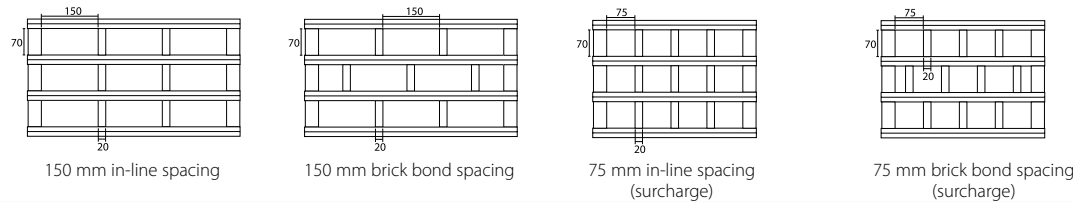
Type of Operation:



KEY:

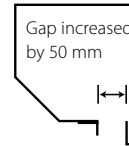
Yellow	Window or Door
Light Blue	Window or Door with second spring
Dark Blue	Window only – cannot be a door

SLAT CONFIGURATION OPTIONS



BOX LID

All box lids are cut-back and reinforced with 30 x 20 mm aluminium angle to reduce deflection of the box lid and to allow for deflection of the curtain.



75 mm Spacing Surcharge (Spring & Lock or Electric Operation)

Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
1000	43	49	60	68	76	83	92	102	109	117	125	136	145	152	159	170	178	186	194	203	214
1200	49	61	72	81	90	102	112	122	132	142	152	162	173	182	192	203	216	224	234	244	254
1400	60	72	82	94	107	117	131	142	154	166	178	189	198	216	225	237	248	262	271	285	296
1600	68	81	94	108	122	136	150	162	176	189	203	218	229	244	256	270	285	298	311	326	338
1800	76	90	107	122	139	152	168	182	196	216	228	244	260	272	289	303	322	336	348	365	381
2000	83	102	117	136	152	170	186	203	222	237	254	270	288	303	323	338	355	372	390	407	421
2200	92	112	131	150	168	186	204	224	242	262	279	298	316	336	352	372	391	412	426	447	465
2400	102	122	142	162	182	203	224	244	265	285	303	326	344	365	386	407	425	447	468	487	508
2600	109	132	154	176	196	222	242	265	287	307	332	351	373	396	418	439	463	485	507	528	551
2800	117	142	166	189	216	237	262	285	307	333	355	379	403	425	449	472	498	520	546		
3000	125	152	178	203	228	254	279	303	332	355	381	407	432	457	481	508	532				
3200	136	162	189	218	244	270	298	326	351	379	407	434	461	487	513	544					
3400	145	173	198	229	260	288	316	344	373	403	432	461	489	517	547						
3600	152	182	216	244	272	303	336	365	396	425	457	487	517	549							
3800	159	192	225	256	289	323	352	386	418	449	481	513	547								
4000	170	203	237	248	303	338	372	407	439	472	508	544									

◀ – 70 mm axle 100 mm collars
▶ – 4" 16 gauge axle

SPACING SURCHARGE
Prices shown are a surcharge which must be added to the appropriate shutter price.

KEY:

Yellow	Window or Door
Light Blue	Window or Door with second spring if spring & lock, or anti-drop brake if electric operation)
Dark Blue	Window only – cannot be a door

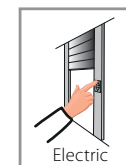




Width including guide rails (mm)

	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
1000	755	788	831	872	917	966	1010	1076	1111	1159	1205	1252	1300	1331	1382	1430	1479	1528	1715	1780	1839
1200	783	831	888	936	991	1056	1107	1172	1230	1265	1316	1364	1398	1451	1571	1629	1684	1740	1844	1906	1970
1400	813	876	936	999	1068	1118	1193	1234	1331	1364	1414	1463	1494	1596	1658	1720	1781	1842	2019	2088	2164
1600	884	953	1022	1107	1177	1234	1308	1374	1445	1505	1569	1634	1693	1767	1835	1904	1993	2063	2133	2201	2270
1800	923	999	1087	1168	1225	1302	1374	1447	1519	1586	1653	1724	1785	1858	1951	2026	2245	2331	2413	2519	2600
2000	956	1050	1134	1205	1284	1364	1445	1519	1588	1690	1769	1847	1951	2030	2114	2198	2372	2462	2559	2649	2737
2200	999	1090	1186	1260	1346	1432	1514	1586	1663	1799	1886	1971	2108	2196	2285	2374	2497	2587	2689	2777	2921
2400	1056	1159	1243	1331	1419	1514	1602	1678	1749	1909	2000	2088	2220	2318	2444	2542	2649	2747	2844	2942	3193
2600	1134	1197	1304	1395	1512	1616	1725	1832	1961	2066	2174	2288	2397	2533	2640	2751	2860	2964	3105	3353	3466
2800	1172	1265	1360	1460	1588	1700	1815	1935	2065	2179	2291	2444	2559	2683	2797	2912	3025	3251	3362		
3000	1211	1331	1419	1521	1652	1770	1896	2033	2156	2275	2433	2554	2683	2805	2923	3044	3289				
3200	1288	1371	1479	1588	1715	1846	1991	2117	2245	2407	2535	2668	2796	2923	3086	3272					
3400	1346	1440	1602	1734	1875	2032	2176	2300	2476	2520	2663	2797	2933	3202	3496						
3600	1352	1508	1727	1882	2038	2213	2367	2523	2718	2880	3036	3188	3202	3214							
3800	1413	1637	1801	1964	2151	2312	2474	2674	2837	3007	3170	3333	3496								
4000	1465	1750	1868	2036	2249	2402	2575	2828	2950	3112	3283	3422									

Type of Operation:



KEY:

	Window or Door
	Window or Door with anti-drop brake

ANTI-DROP BRAKE

When required (as shown above) a surcharge of **£142.81** must be added to the appropriate shutter price.

MANUAL OVERRIDE

To add the option of manual override a surcharge of **£129.20** must be added to the appropriate shutter price – see page 25.

4"16 GAUGE

For all shutters requiring 4"16 gauge, a 250 mm box will be supplied as standard.

Alternative Somfy motor available at a surcharge of **£35.00** net

◀ - 70 mm axle 100 mm collars
▶ - 4"16 gauge

Overview of SeceuroShield 900

COMMON APPLICATIONS

Internal use only on shopfronts. Very tight coiling makes SeceuroVision 900 particularly suitable for bar/kiosk and commercial applications where permanent vision is required.

CONSTRUCTION

Curtain

SeceuroVision 900 is constructed from a combination of extruded aluminium links and hinge section. Link spacing is 150 mm in line as standard, however a brick bond pattern (no surcharge), 75 mm spacing (surcharge) and solid slat profile (surcharge) are also available.

Bottom Slat

Extruded aluminium with reinforcing angle and no seal.

Shutter Box

Die cast aluminium end plates with two piece roll formed aluminium box. Larger sizes (shutters with a curtain weight of approx. 75 kg upwards) will be supplied with zinc plated steel end plates.

Guide Rails

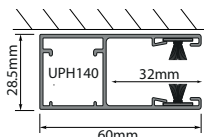
Extruded aluminium with box section for fixing / reinforcement and high density 4 mm or 7 mm pile brush seals. UPH140 guides supplied with 205 mm box, UPH240 guides supplied with 250 and 300 mm box. UPH250 recommended on wider shutters and for shutters requiring higher security with 250 or 300 mm box.



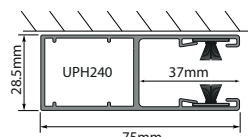
THIS PRODUCT CAN BE POWDER COATED
See page 66



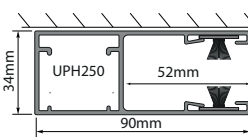
GUIDE RAIL



205 mm Box

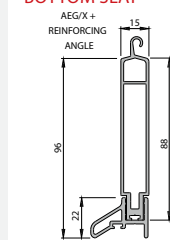


250 & 300 mm Box



Recommended for wider shutters and higher security requirements with 250 or 300 mm box.

BOTTOM SLAT



STOCK COLOURS FOR CURTAINS AND BOTTOM SLATS

BOX & GUIDES

Brilliant White (RAL 9016)	Black (RAL 9005)
Brown (RAL 8014)	Cream (RAL 1015)

SWITCHES

All electric shutters are supplied with an Inis Uno single pole switch as standard unless another control device is requested. All switches will be supplied with a surface mount box unless a flush mounted box is requested on your purchase order. Switches are supplied "hold to run" for safety.



Somfy Inteo Inis Uno switch, Single Pole



Somfy Inteo Surface Box, White



Somfy Inteo Inis Flush Mounting Box

To comply with current health and safety legislation, electrically operated shutter(s) must be monitored throughout operation. If this is not possible a safety device must be fitted. Due to the risk of entrapment in an open shutter or grille, control should only be by a momentary key switch. Remote or automatic control of any form requires a dedicated risk assessment and appropriate safety features e.g. photo cells at the top and bottom of the shutter on the risk side(s).

Please note:

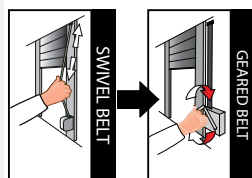
Colour references on standard product are a guide only and will not match powder coated finish.

Where curtain is powder coated it will be done so when assembled.

Surcharge

Surcharge per solid slat **£11.17** per linear metre.

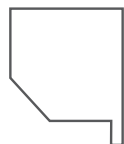
General Shutter Accessories



Geared Belt Winder Upgrade

An optional extra where the standard operation is by swivel belt winder only. Includes the required winding handle

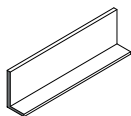
Code: YACCS G.BELT
Each **£43.00**



Larger Box Size

Optional when a shutter box needs to be increased for aesthetic reasons.

Code: YACCS BOX
Each **£25.79**



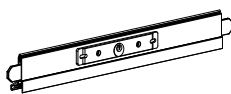
30 mm x 20 mm x 3 mm Aluminium Angle

Utilised as either cill angle or a closure angle. Stock colours: white, brown and mill finish. Stocked in 6 m lengths.

Mill finish YBS300E0
Per metre **£12.73**

White YBS300E1
Per metre **£12.73**

Mid Brown YBS300E2
Per metre **£12.73**

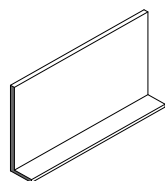


Key Lock In Bottom Slat

Included in the price of all spring and lock shutters. Available as keyed different (maximum of 50 different locks) or as keyed alike. Supplied with 2 keys as standard, additional blank keys can be ordered (see components page 44 for details). This price is for the lock fitted in a bottom slat and includes a lock cover plate (for the barrel side of the lock) and locking bars required.

Code: YACCS KEYLOCK
Each **£67.70**

Lock Cover
Code: YBS021L0
Each **£12.10**



75 mm x 25 mm x 3 mm Aluminium Angle

Utilised as a larger alternative to 30 mm x 20 mm. Stock colours: white, brown and mill finish. Stocked in 6 m lengths.

Mill finish YBS700E0
Per metre **£17.70**

White YBS700E1
Per metre **£17.70**

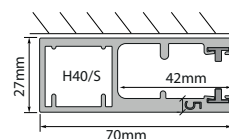
Mid Brown YBS700E2
Per metre **£17.70**



Shoot Bolts In Bottom Slat

Also available in place of a bottom slat key lock for bars and serveries, etc.

Code: YACCS S.BOLT
Each **£67.70**



H40/S Guide Surchage

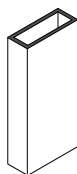
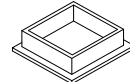
Where additional security is required (available for SeceuroShield CD150/T and SeceuroShield 38 only). Wind end locks will be fitted to the curtain as standard when this option is selected. See page 47 for specifications.

Code: YACCS H40/S
Each Pair **£77.36**

Packing End Caps

50 x 20 mm End Caps (Black)
BS519E0 **£1.25 each**

50 x 50 mm End Caps (Black)
BS519E5 **£1.25 each**

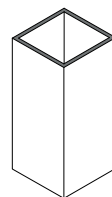


50 mm x 20 mm x 3 mm Aluminium Packing Box Section
Used to pack shutters off the wall by 20 mm. Stock colours: white, brown and mill finish. Stocked in 6.5 m lengths.

Mill finish YBS520E0
Per metre **£23.55**

White YBS520E1
Per metre **£23.55**

Mid Brown YBS520E2
Per metre **£23.55**

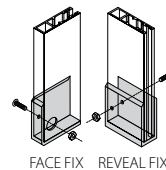


50 mm x 50 mm x 3 mm Aluminium Packing Box Section
Used to pack shutters off the wall by 50 mm. Stock colours: white, brown and mill finish. Stocked in 6.5 m lengths.

Mill finish YBS550E0
Per metre **£29.48**

White YBS550E1
Per metre **£29.48**

Mid Brown YBS550E2
Per metre **£29.48**



Steel Reinforcement Plates

For use with H40/S guide rails only. Supplied as standard with SeceuroShield 3801. Available as an optional extra with SeceuroShield 38 at a surcharge. Available to suit either face fitted or reveal fitted guide rails. State clearly your requirement.

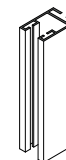
Code Reveal fit: YGU00101
Each Pair **£51.82**

Code Face fit: YGU00102
Each Pair **£51.82**

U30 "U" Channel

Normally used as a catch rail at the bottom of SeceuroShield CD150/T and SeceuroShield 38 instead of cill angle. The bottom slat must have a rubber seal fitted.

Code: YACCS U30
Per metre **£17.80**



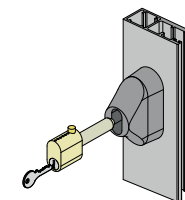
Guide Rail Bullet Locks

Where additional security is required. Suitable for H40/S, UPH 240 & UPH 250 guide rails only. The default height for the centre of the bullet lock pin is approximately 195 mm from the base of the guide. This height puts the pin in the centre of a CD38 slat. The position is adjusted for the other slat profiles to ensure the pin is in the centre of a slat. If you require the bullet lock in a different position you must specify this on your order. Bullet locks on foam filled curtains should be in the bottom slat or an extruded slat placed in the curtain at appropriate height. The bullet locks are self tapped from the rear of the guide. Available as keyed alike or as keyed different. 2 keys supplied per bullet lock. Additional keys are not available.

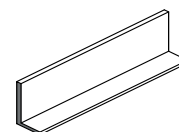
Code: YACCS BULLET
Each Pair **£109.60**

Upgrade from bottom slat lock to a pair of bullet locks

Code: YACCS BULLET U/G
Each Pair **£34.00**



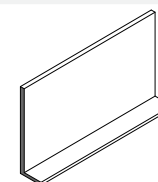
Surcharge for powder coating angles and packing box section applies see page 64.



50 mm x 50 mm x 3 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

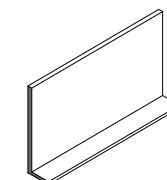
Code: YCS403S0
Per metre **£22.71**



75 mm x 50 mm x 3 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

Code: YCS402S0
Per metre **£26.91**



76 mm x 50 mm x 5 mm Electroplate Galvanised Steel Angle.

Available in white, brown or galvanised.

Code: YCS410S0
Per metre **£40.16**

Bespoke Box Sections and Angles

BESPOKE SECTIONS

3mm Thick Manufactured Box Sections (per m)			
Total in mm of 4 sides combined	Bespoke Sizes	Aluminium	Mild Steel
100	Up to 25 x 25 or similar	£127.92	£125.31
200	Up to 50 x 50 or similar	£138.37	£133.12
300	Up to 75 x 75 or similar	£148.81	£140.98
400	Up to 100 x 100 or similar	£159.25	£148.81
500	Up to 125 x 125 or similar	£169.69	£156.62
600	Up to 150 x 150 or similar	£180.12	£164.43
800	Up to 200 x 200 or similar	£201.01	£180.12

3mm Thick Manufactured Angles (per m)			
Total in mm of 2 sides combined	Developed Sizes i.e Flat	Aluminium	Mild Steel
50	Up to 25 x 25 or similar	£44.39	£43.05
100	Up to 50 x 50 or similar	£49.58	£47.01
150	Up to 75 x 75 or similar	£54.83	£50.92
200	Up to 100 x 100 or similar	£60.02	£54.83
250	Up to 125 x 125 or similar	£65.27	£58.69
300	Up to 150 x 150 or similar	£70.47	£62.65
400	Up to 200 x 200 or similar	£80.91	£69.95

3mm Thick Strips/Plates (per m)			
Developed Sizes i.e Flat	Aluminium	Steel	
Up to 50 mm wide	POA	POA	
Up to 100 mm wide	POA	POA	
Up to 150 mm wide	POA	POA	
Up to 200 mm wide	POA	POA	
Up to 300 mm wide	POA	POA	

STANDARD SECTIONS

Standard Sections (per m)		
Standard Sizes Box Sections	Aluminium	Mild Steel
25 x 25 x 3mm	£40.69	£13.29
30 x 30 x 3mm	£52.33	£15.77
40 x 40 x 3mm	Not available	£21.50
50 x 50 x 3mm	£87.32	£27.41
70 x 70 x 3mm	Not available	£37.97
75 x 75 x 3mm	£111.73	Not available
100 x 100 x 3mm	£150.66	Not available
100 x 100 x 4mm	Not available	£75.59
50 x 25 x 3mm	£63.99	£19.93
75 x 50 x 3mm	£92.30	£35.71
100 x 50 x 3mm	£117.33	£54.64

Please note: All bespoke steel box sections and angles are supplied in mild steel and will require galvanising or powder coating. If supplied as part of a shutter order, the item can be powder coated FOC. If supplied as component items, usual powder coating surcharges will apply. For galvanising, please raise a POA with Customer Services who will be able to assist further. All sections over 2.5m will be joined together with a weld. Prices quoted here are for a 1m piece.

NEW Online Box Section and Angle Configurator

The new online box section and angle configurator provides an instant price for any bespoke size of box section or angle up to 5m in length.

- Step 1. Choose your profile and material
- Step 2. Select from popular sizes or choose bespoke
- Step 3. Enter your measurements, then choose your finish

The screenshot displays the SWS Online Box Section and Angle Configurator. The interface is divided into several sections:

- Profile:** Two options are shown: 'Box Packer' and 'Angle'.
- Material:** Three options are listed: 'Aluminium', 'Mild Steel', and 'Galvanised Steel'.
- Thickness:** A dropdown menu shows '3mm' selected.
- Available Options:** A grid of buttons for different sizes: 'Bespoke', '25 x 25', '75 x 75', '100 x 100', '50 x 20' (highlighted), and '50 x 50'.
- Required Measurements:** Input fields for 'Side A', 'Side B', 'Side C', and 'Side D' (all in mm), and a 'Length (mm)' field. A range of '100 - 5000mm' is indicated.
- Diagram:** A 3D diagram of a box section with dimensions A, B, C, and D labeled.

LOGIN TO SWS ONLINE

Removable Guide Rails and Sloping Bottom Slats

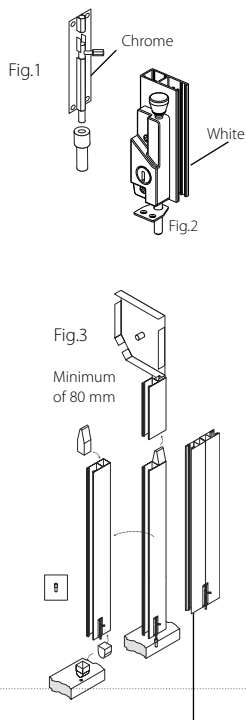
Removable Guide Rails

Removable Centre Rails

Appropriate on bar and servery applications with 2+ shutters where the opening needs to be clear. The top of each removable guide rail locates into a matching 80 mm length which is permanently fixed to its end plate during manufacture (Fig.3). The bottom of each rail is secured using a chrome bolt which is supplied loose along with a recessed 40 mm socket and dust cap (fig.1) or by using a white or brown lockable bolt (fig.2). One bolt per pair of removable guide rails. Shutters with removable guide rails and a curtain weight of 40 kg or more will be supplied with steel end plates.

Code: YACCS REMRAILS
Each Pair **£102.23**

Removable guide rails complete with lockable shoot bolt (keyed alike) available in white or brown
Code: YACCS REMLOCK
Each Pair **£168.34**



LOWERING THE CURTAINS OPEN POSITION FOR SPRING LOADED SHUTTERS

Guide Rail Stops

Optional 'L' brackets can be attached to the guide rails which will catch the bottom slat stops when the shutter is opening.

Code: YBOTTOMSLATKIT
Price: **£31.74**

Please note this optional extra is not available for H40/S guide rails.

IMPORTANT INFORMATION REGARDING SURVEYING, ORDERING AND INSTALLING.

Must be ordered using the order form.

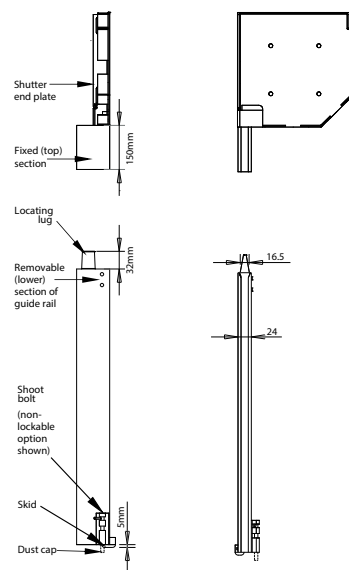
No orders will be accepted for removable guide rails unless they are ordered using the SWS UK removable guide rail order form. This will ensure you receive the products as required.

SeceuroVision shutters.

Shutters from the SeceuroVision range should be ordered with the locking bolt option in order to maintain security. This will be included by SWS UK automatically with the surcharge unless your order requests otherwise.

How will they be supplied?

Removable (lower) section of the guide rail will be supplied with the locating lug, skid and bolt attached to the guide. The fixed (top) section of guide rail will be supplied loose with the fixings required to attach it to the end plate. When attaching this section of guide rail ensure that the chamfered end of the guide rail is at the bottom. The dust caps (bar top recess) will be supplied with the top section of guide rail. Both guide rails will be supplied with skids but only one locating lug and only one shoot bolt per pair of guide rails.



Sloping Bottom Slats

IMPORTANT INFORMATION REGARDING SURVEYING AND ORDERING

Must be ordered using the order form

No orders will be accepted for sloping bottom slats unless they are ordered using the SWS UK sloping bottom slat order form. This will ensure you receive the product you require.

No bottom slat locks

Unfortunately it is not possible for us to supply a sloping bottom slat with a bottom slat lock fitted.

Rubber seal only

All sloping bottom slats will be supplied with the rubber seal used on our SeceuroGlide range. We are unable to supply a sloping bottom slat with a bottom slat reinforcing handle.

No woodgrain finish available

We are unable to supply sloping bottom slats in any of our range of woodgrain finishes.

Only AEG/X bottom slat

Unless supplied with a SeceuroGlide Compact a sloping bottom slat will always be constructed from an AEG/X bottom slat.

Please note: that this differs from the standard bottom slat supplied with SeceuroShield 77, SeceuroVision 800 and SeceuroGlide.

A sloping bottom slat for a SeceuroGlide compact will be constructed from an AEG bottom slat.

Limited guide rails

When a sloping bottom slat is required on a SeceuroShield 60 / 77 or a SeceuroVision 800 / 900 the shutter must have UPH250 (90 mm) guide rails. Please ensure that your survey has taken this into account. A SeceuroGlide requiring a sloping bottom slat can be supplied with either H75 or UPH250 guide rails. A SeceuroGlide Compact will always require UPH140 guide rails.

Maximum width

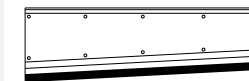
The maximum width for a sloping bottom slat is 5000 mm. This is the overall door width including guide rails.

Maximum height difference (H)

The maximum height difference (H) the sloping bottom slat can accommodate is 250 mm. When surveying you must ensure that the total height of the sloping bottom slat does not exceed the box end size for the door or you will struggle to load the curtain into the guide rails.

To obtain the total height of the sloping bottom slat you need to add the standard height of an AEG/X bottom slat (95 mm) or the standard height of an AEG bottom slat (60 mm) to your height difference (h).

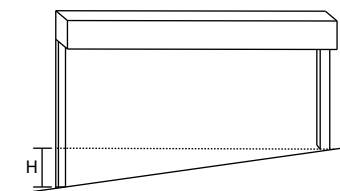
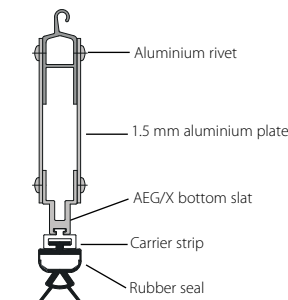
You must also ensure your customer is aware that when the door is fully open the sloping bottom slat will remain in the guide rails reducing the clear height available.



Sloping Bottom Slat

We are able to supply sloping bottom slats for SeceuroShield 60 / 77 and SeceuroVision 800 / 900 shutters. Please note the conditions listed when ordering.

Door Width
0 to 2500 mm **£330.76**
2501 to 5000 mm **£544.58**



Notes

Electrically Operated Shutter Accessories



Somfy Inteo Inis Uno switch, Single Pole

Used to operate one shutter, supplied with an electric shutter as standard unless another electric controller is ordered (requires back box).

Code: [EC37200](#)

Each: **£16.73**



Somfy Inteo Inis Uno switch, Dual Pole

This will operate two shutters simultaneously. (requires back box) Available as standard with 2 shutters only when requested.

Code: [EC37301](#)

Each: **£46.24**



Somfy Inteo Surface Box, White

For use with Inis Uno and Inis Duo. Supplied as standard with a complete shutter.

Code: [EC37400](#)

Each: **£5.58**



Somfy Inteo Inis Flush Mounting Box

For use with Inis Uno and Inis Duo. Supplied with a complete shutter only when requested.

Code: [EC37500](#)

Each: **£7.92**



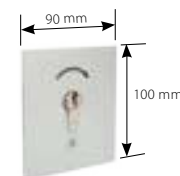
Single / Dual Pole Key Switch (Momentary)

Utilised instead of, or with a standard switch to deliver extra security, for direct switching of motor. Can operate two shutters simultaneously.

Code: [EC38102 \(Keyed Different\)](#)

Code: [EC38103 \(Keyed Alike\)](#)

Each: **£86.99**



Flush mounted face plate

Can be added to the front of the surface mounted key switch when a flush mounted key switch is required.

Code: [EC38104](#)

Each: **£7.82**



Key Switch Security Housing

Padlockable metal housing for a surface mounted key switch (padlock not included) supplied in galvanised finish, white or brown as standard.

Code: [EC36000](#)

Each: **£40.80**



Manual Override Lock (fitted)

Secures the manual override access hole on motorised shutters. Available for exit E on 205 mm box or bigger. Not available as keyed alike. Blank keys are not available.

Code: [YSGACCS1 O/R LOK](#)

Each: **£160.91**



Manual Override Lock (loose)

Secures the manual override access hole on motorised shutters. Available for exit E on 205 mm box or bigger. Not available as keyed alike. Blank keys are not available.

Code: [MT018A1](#)

Each: **£67.69**



NRG Motor Test Lead

Code: [EC40900](#)

Each: **£111.99**



Somfy RTS Wireless Radio Keypad 2

Code: [SG101P1](#)

Each: **£143.54**

Blank Keys for Single/Dual Pole Key Switch (Momentary)

Code: [EC070S0 \(Keyed Alike\)](#)

Each: **£3.25**

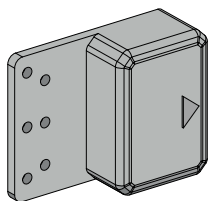
Code: [EC071S0 \(Keyed Different\)](#)

Each: **£2.72**

Note - Wiring diagrams are available. Please contact Customer Service for further details.



Electrically Operated Shutter Accessories



Rollixo Magnet (EACH)

Code: [BS680M0](#)
Each: **£29.91**



Rollixo Photocell Set

Code: [SG102P1](#)
Each: **£111.68**



Situo 1 RTS Pure II

Code: [EC3780Q](#)
Each: **£61.08**

Situo 5 RTS Pure II

Code: [EC3790Q](#)
Each: **£88.85**



Rollixo Receiver

Code: [EC46000](#)
Each: **£399.45**



Bottom Slat Transmitter

Code: [BS680B0](#)
Each: **£138.82**



Situo 1 RTS Iron II

Code: [EC3780I](#)
Each: **£119.34**

Situo 5 RTS Iron II

Code: [EC3790I](#)
Each: **£119.85**



Situo 1 RTS Natural II

Code: [EC37802](#)
Each: **£124.59**

Situo 5 RTS Natural II

Code: [EC37902](#)
Each: **£152.14**



Situo 1 RTS Artic II

Code: [EC37803](#)
Each: **£124.59**

Situo 5 RTS Artic II

Code: [EC37903](#)
Each: **£159.84**



Transmitter Battery 2 batteries per transmitter.

Battery type CR 2016
Code: [EC36100](#)
Each: **£6.41**



Keygo Transmitter

Code: [SG100P0](#)
Each: **£88.15**



Smooove Origin RTS

Code: [EC3770Q](#)
Each: **£63.68**



ProMate

Key product features:

- Low carbon footprint <0.5 watts
- Designed for installers without electrical qualifications
- Dynamic user interface
- Plug and play battery back-up (optional)
- Compliant to 13241-1
- Touch safe voltages for all inputs



Code: [EC25000](#)
Each: **£199.85**

Power Manager Battery Back Ups

- LCD display provides clear information on
 - Battery charge status
 - Power taken from the batteries when operating the shutter
 - Power remaining in mins
 - Self check alerts when the batteries need to be changed
- Display Input power from the mains
 - Voltage
 - Frequency
 - Power taken when operating the shutter
- Plug and play
- 3 models in the range from 750 watts to 1,875 watts, this will cover any single phase tubular motor on the market
- BBU cannot be used with a remote control system, it can only be used with a ProMate.



800 VA unit [EC25100](#) **£625.46**

1100 VA unit [EC25200](#) **£736.48**

1500 VA unit [EC25300](#) **£905.49**

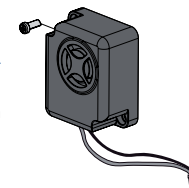
*Can only be used in conjunction with the ProMate.

Rollixo Alarm Kit

Code: [EC4100I](#)
Each: **£25.48**

Technical information

Power Supply 12Vdc
58x40x35 mm
100 dB to 1 m



Wireless radio keypad

Code: [SG101P1](#)
Each: **£143.54**



Rollixo Remote Control Upgrade Kit

Contains: Remote Receiver,
2 x Transmitters, 1 x Bottom Slat

Code: [EC49900](#)
Each: **£417.73**

Bottom Slat Rubber
(per Metre)

Code: [BS730B0](#)
Each: **£20.77**



Note - Wiring diagrams are available. Please contact Customer Services for further details.

SeceuroSense Shutter Accessories

Smooth White 2
Channel Transmitter

Code: [EC71102](#)
Each: **£88.30**

Smooth White 4
Channel Transmitter

Code: [EC71104](#)
Each: **£88.30**

Smooth White 4 Channel
Bi-Directional Remote

Code: [EC75004](#)
Each: **£106.48**



Smooth Black 2
Channel Transmitter

Code: [EC71202](#)
Each: **£88.30**

Smooth Black 4
Channel Transmitter

Code: [EC71204](#)
Each: **£88.30**

Smooth Black 4 Channel
Bi-Directional Remote

Code: [EC75104](#)
Each: **£106.48**



Chrome Ellipse 4
Channel Transmitter

Code: [EC71004](#)
DISCONTINUED



Chrome 4 Channel
Transmitter

Code: [EC71404](#)
DISCONTINUED



Chrome Deluxe 2
Channel Transmitter

Code: [EC71602](#)
Each: **£100.91**



Replacement Light Bulb for Courtesy
Light

Code: [EC72500](#)
Each: **£5.20**



Dimensions: 86x86x9.5mm
Power supply 3v IP: 20

4 Channel White Wall Transmitter

Code: [EC73004](#)
Each: **£112.97**

4 Channel Black Wall Transmitter

Code: [EC73104](#)
Each: **£112.97**

4 Channel Bi-Directional Wall Switch
White

Code: [EC74004](#)
Each: **£162.31**

4 Channel Bi-Directional Wall Switch
Black

Code: [EC74104](#)
Each: **£162.31**

4 Channel Stainless Steel Cover

Code: [EC73000](#)
Each: **£46.75**



Plus 3 Channel Transmitter

Code: [EC71303](#)
Each: **£88.30**

Batteries for Transmitters Above

Code: [EC36101](#)
Each: **£6.49**



SeceuroSense hard wired magnets

Code: [EC72600](#)
Each: **£61.03**

Dimensions: 225x40x20mm
Power supply 2x3.6 or 1.5v IP: 54
Bottom Slat Transmitter

Code: [EC75100](#)
Each: **£141.54**

Batteries for BST (2 Pack)

Code: [EC71101](#)
Each: **£33.76**



Lighting Strip Internal / External – 1
x1000 mm

Code: [EC76000](#)
Each: **£290.87**

Lighting Strip Internal / External – 2
x1000 mm

Code: [EC77000](#)
Each: **£381.78**

Lighting Bar Cover Extrusion 2 m

Code: [EC78000](#)
Each: **£107.78**



Alarm Kit for SeceuroSense Plus

Code: [EC72300](#)
Each: **£103.41**



Dimensions: 155x75x32mm
230v power supply IP: 54

SeceuroSense Wireless Keypad

Code: [EC70300](#)
Each: **£270.09**



Dimensions: 220x165x65mm
230v power supply IP: 20

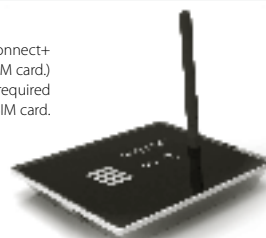
SeceuroSense Plus Receiver Unit

Code: [EC89100](#)
Each: **£223.72**

(SeceuroGlide Connect+
price includes SIM card.)
Please specify required
Network for SIM card.

SeceuroGlide Connect

Code: [EC90000](#)
Each: **£516.82**



SeceuroGlide Connect+

Code: [EC95000](#)
Each: **£392.12**

SeceuroSense Photocell and
Reflector

Code: [EC70500](#)
Each: **£111.36**



SeceuroSense Remote Control Upgrade Kit

Contains: Remote Receiver, 2 x Transmitters,
1 x Bottom, Slat Transmitter, 1 x Pair Optical Eyes

Code: [EC69900](#)
Each: **£403.63**

Bottom Slat (Per Metre) colour or woodgrain

Code: [AEGDW](#)
Per Metre: **£35.10**

Bottom Slat Rubber (Per metre)

Code: [BS730B0](#)
Per Metre: **£20.77**

To upgrade to the SeceuroSense System you will
require the remote control upgrade kit plus a new
bottom slat and bottom slat rubber.

IP rated BST EXTERNAL

Code: [YSGACCS1](#)
Each: **£152.49**

Note - Wiring diagrams are available. Please contact Customer Services for further details.



SeceuroDrive Motor Sizes and Prices

Prices include mounting brackets and adapters as required.



All motors are supplied with cable 2.5 m long (1.5 m 140Nm), mounting bracket and adaptors as required.

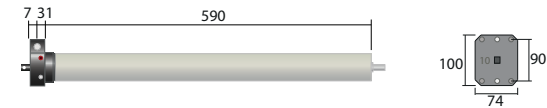
MOTOR FEATURES

- Quick set progressive limit switches.
- Quick fit adaptors and brackets.
- Multiple mounting position motor heads.
- IP protection 44.
- Integrated thermal protection.
- Integrated electro-mechanical brake.
- Run time 4 mins.
- Permanent manual override.
- Limit positions not altered by use of manual override.
- Slim motor heads.

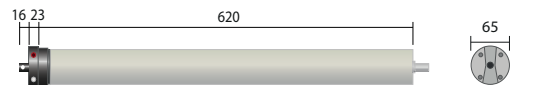
SECEURODRIVE 45S-50



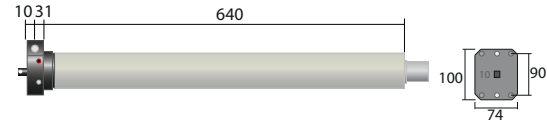
SECEURODRIVE 45M-50



SECEURODRIVE 59S-100



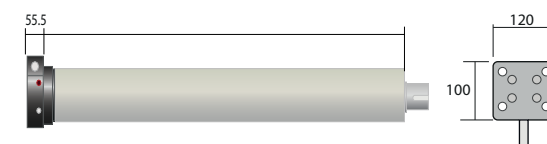
SECEURODRIVE 59M-100



SECEURODRIVE 59M-140



SECEURODRIVE 92M-23/30



BATTERY BACK-UP SELECTION

Key	Unit Power	Stock Code	Price
	800VA	EC251Q0	£625.46
	1100VA	EC252Q0	£736.48
	1500VA	EC253Q0	£905.49

*BBU cannot be used with a remote control system, it can only be used with a ProMate.

NON OVERRIDE MOTOR

	Code	Price
50Nm	MT950M2	£117.87
100Nm	MT900M1	£169.73

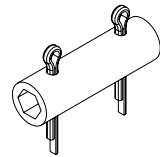
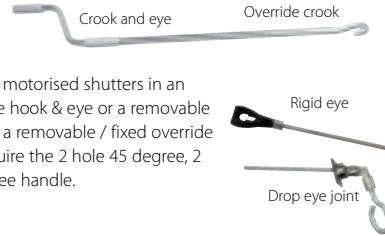
OVERRIDE MOTOR

	Code	Price
50Nm	MT950M1	£141.46
100Nm	MT900M2	£187.41
140Nm	MT914M1	£207.23
230Nm	MT923M1	£414.79

Manual Override

Used as a way of manually operating motorised shutters in an emergency. Please state if you require hook & eye or a removable / fixed override handle. If you require a removable / fixed override handle please state whether you require the 2 hole 45 degree, 2 hole 90 degree or the 4 hole 90 degree handle.

Code: YACCS OVERRIDE
Each: £129.20



7 mm - 7 mm Hexagonal Adaptor

[MT410M1](#) £7.09
(Used to extend 7 mm hexagonal override bar)
[MT411M1](#) £5.25 / 330 mm



Motor Test Lead

Code: [EC409Q0](#)
Each £111.99

Concealed override exit (white)

Code: [MT020M1](#) Price: £27.22

Concealed override exit (brown)

Code: [MT020M2](#) Price: £27.22

*Concealed override handle

Code: [GD02006](#) Price £82.66

* If purchased as a component If this override option is selected with a product, for example as the shutter override option then the handle will be included in the manual override surcharge.

Rigid Eye

Code: [MT902M2](#) Price: £9.31

Drop Eye Joint

Code: [GD02005](#) Price: £32.06

1500 Manual Over ride Crook

Code: [MT125M1](#) Price £11.37

Type	Rated Torque	Rated Voltage	Rated Frequency	Rated Power Input	Tube Diameter	Rated Current	Running Time	Rate Speed	Protection Index	Insulation Class
	(Nm)	(v)	(Hz)	(w)	(mm)	(A)	(min)	(rpm)	(IP)	
EM20M	20Nm	230v	50HZ	145w	45 mm	0.64A	4 min	15 rpm	IP44	Class H
EM30M	30Nm	230v	50HZ	191w	45 mm	0.83A	4 min	15rpm	IP44	Class H
EM40M	40Nm	230v	50HZ	198w	45 mm	0.86A	4 min	15 rpm	IP44	Class H
EM50M	50Nm	230v	50HZ	205w	45 mm	0.89A	4 min	12 rpm	IP44	Class H
EM100M	100Nm	230v	50HZ	350w	59 mm	1.55A	4 min	12 rpm	IP44	Class H
EM140M	140Nm	230v	50HZ	380w	59 mm	1.74A	4 min	9 rpm	IP44	Class H
EM523M	230Nm	230v	50HZ	830w	92 mm	3.80A	4 min	12 rpm	IP44	Class H
EM530M	300Nm	230v	50HZ	920w	92 mm	4.20A	4 min	9 rpm	IP44	Class H

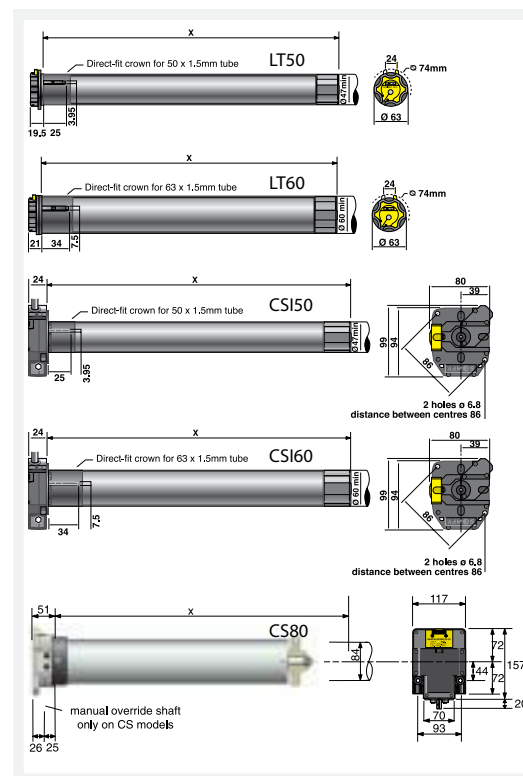


NOTES FOR ALL MOTORS

ALL MOTORS (EXCL. HERCULES)
FEATURE:

**MANUAL OVERRIDE MOTORS
(EXCLUDING THE HERCULES
RANGE) ALSO FEATURE:**


Hercules motors feature:




Extension Cables

Versions for override and non-override motors

Non-Override Motors

Code: MT050M2	5 m	£21.45	
Code: MT100M2	10 m	£32.78	

Override Motors

Code: MT051M2 (CSI)	5 m	£21.45	
Code: MT101M2 (CSI)	10 m	£32.78	

MOTOR NAMES

Somfy motors will no longer be given names such as Jet and Mariner but will be referred to by their range and torque value.

What do the numbers mean?

LT50 10/12

LT or CSI – indicates whether the motor is a **non** override (LT) or an **override** (CSI) motor.

10 – The next number is the **torque** value for this motor.

The larger the shutter the greater the torque value required.

12 – The final number indicates the **speed** of the motor and is the number of revolutions per minute that the motor will operate at.

NON OVERRIDE MOTOR

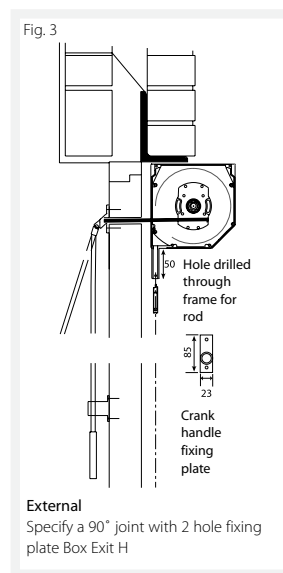
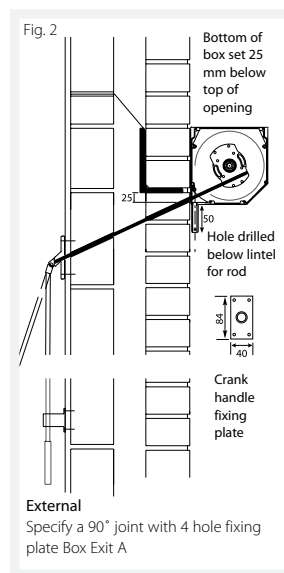
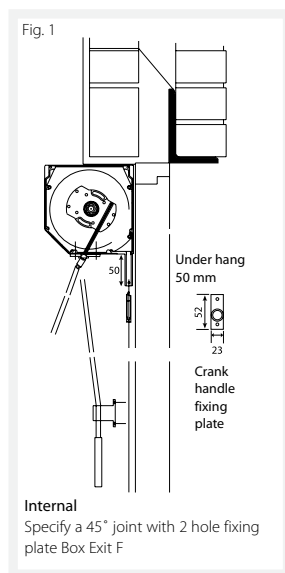
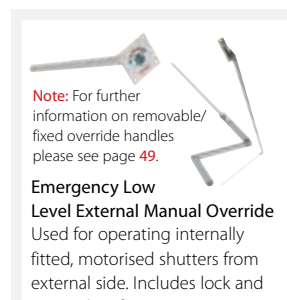
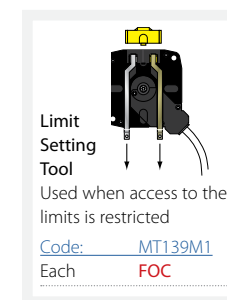
Description	Code	Price	Dim x
LT50 Jet 10/12	MT510M1	£286.43	505
LT50 Atlas 15/12	MT515M1	£311.04	525
LT50 Meteor 20/12	MT520M1	£327.17	525
LT50 Helios 30/12	MT530M1	£341.35	555
LT50 Mariner 40/12	MT540M1	£421.15	605
LT50 Vectran 50/12	MT550M1	£437.35	605
LT60 Vega 60/12	MT560M1	£502.16	614
LT60 Sirius 80/12	MT580M1	£550.74	614
LT60 Titan 100/12	MT600M1	£638.21	659

Override Motor

CSI50 Meteor 20/17	MT521M1	£453.57	594
CSI50 Gemini 25/17	MT525M1	£474.65	594
CSI50 Helios 30/17	MT531M1	£496.93	594
CSI50 Mariner 40/17	MT541M1	£513.66	594
CSI60 Orion 55/17	MT555M1	£563.69	640
CSI60 Vega 60/12	MT561M1	£568.57	640
CSI60 Sirius 80/12	MT581M1	£606.45	640
CSI60 Titan 100/12	MT601M1	£688.52	675
CSI60 Taurus 120/12	MT621M1	£831.02	675
LT80S CSI 150	MT650M1	£1341.13	652
LT80S CSI 200	MT420M0	£1562.73	652

OVERRIDE ACCESSORIES

1100 mm manual override crook	MT110M1	£10.21
1500 mm manual override crook	MT125M1	£11.37
2000 mm manual override crook	MT200M1	£13.96
45° drop eye joint 4 hole plate	GD02005	£32.06
175 mm rigid metal override eye	MT130M1	£7.56



RADIO MOTOR SELECTION

RTS range of tubular motors for window shutters.

Radio motors have been designed to ease the installation of automated shutters, providing wiring and accurate remotely set limit positions.

- Opportunities for extra sales value with less work!
- Several motors can be grouped together; no group commands required.
- Powerful range of 200 m in open space and 20 m through two concrete walls.
- min width for RTS motors is 850mm

RTS motor only upgrade **£226.32**. For control options see page 25. For further information, please contact your account manager.

Somfy Motor Selection



The battery backup selection guide shown below is only applicable when the shutter is operated by a hold to run switch.

BATTERY BACK-UP SELECTION

Key	Unit Power	Stock Code	Price	Must be used with a Promate (see page 25)
	800VA	EC25100	£625.46	
	1100VA	EC25200	£736.48	
	Please contact technical			
	Bracket	EC40700	£120.78	

SECEUROSCHILD 150/T			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	4	LT50 10/12	CSI50 20/17
60/70 mm	6	LT50 15/12	CSI50 20/17
60/70 mm	8	LT50 20/12	CSI50 20/17

SECEUROSCHILD 38			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	2	LT50 10/12	CSI50 20/17
60/70 mm	3	LT50 15/12	CSI50 20/17
60/70 mm	4	LT50 20/12	CSI50 20/17
60/70 mm	5	LT50 30/12	CSI50 25/17
60/70 mm	6	LT50 30/12	CSI50 30/17
60/70 mm	9	LT50 40/12	CSI50 40/17
60/70 mm	11	LT50 50/12	CSI60 55/17
70 mm	12	LT60 60/12	CSI60 55/17
4"	12	LT60 60/12	CSI60 80/12

SECEUROVISION 38			
Axle	Max Area m ²	Motor	Override Motor
60/70 mm	2	LT50 10/12	CSI50 20/17
60/70 mm	4	LT50 15/12	CSI50 20/17
60/70 mm	5	LT50 20/12	CSI50 20/17
60/70 mm	6	LT50 30/12	CSI50 25/17
60/70 mm	8	LT50 30/12	CSI50 30/17
60/70 mm	10	LT50 40/12	CSI50 40/17

*SeceuroVision 3800 tables are for fully punched shutters with no glazing. If the shutter has glazing fitted use the SeceuroShield 3800 table.

SECEUROVISION 3801			
Axle	Max Area m ²	Motor	Override Motor
60 mm	3	LT50 10/12	CSI50 20/17
60 mm	4	LT50 15/12	CSI50 20/17
60 mm	6	LT50 20/12	CSI50 20/17
60 mm	6.25	LT50 30/12	CSI50 25/17
70 mm	6	LT50 30/12	CSI50 30/17
70 mm	7	LT50 40/12	CSI50 40/17
70 mm	10	LT50 50/12	CSI60 55/17
70 mm	12	LT60 60/12	CSI60 60/12

SECEUROSCHILD 60			
Axle	Max Area m ²	Motor	Override Motor
70 mm	2	LT50 10/12	CSI50 20/17
70 mm	3	LT50 15/12	CSI50 20/17
70 mm	4	LT50 20/12	CSI50 20/17
70 mm	5	LT50 30/12	CSI50 25/17
70 mm	6	LT50 30/12	CSI50 30/17
70 mm	8	LT50 40/12	CSI50 40/17
70 mm	10	LT50 50/12	CSI60 55/17
70 mm	11	LT60 60/12	CSI60 55/17
70 mm	11.8	LT60 60/12	CSI60 60/12
70 mm	16	LT60 80/12	CSI60 80/12
70 mm	20	LT60 100/12	CSI60 100/12
4"	4	LT50 30/12	CSI50 30/17
4"	6	LT50 40/12	CSI50 40/17
4"	8	LT50 50/12	CSI60 55/17
4"	9	LT60 60/12	CSI60 60/12
4"	12	LT60 80/12	CSI60 80/12
4"	16	LT60 100/12	CSI60 100/12
4"	19	CSI60 120/12	CSI60 120/12
4"	20	LT80S CSI 150*	LT80S CSI 150*
5"	12	LT60 100/12	CSI60 100/12
5"	14	CSI60 120/12	CSI60 120/12
5"	18	LT80S CSI 150*	LT80S CSI 150*
5"	20	LT80S CSI 200*	LT80S CSI 200*

SECEUROSCHILD 77			
Axle	Max Area m ²	Motor	Override Motor
100 mm, 16swg, 10swg	2	LT50 10/12	CSI50 20/17
100 mm, 16swg, 10swg	4	LT50 15/12	CSI50 20/17
100 mm, 16swg, 10swg	5	LT50 20/12	CSI50 20/17
100 mm, 16swg, 10swg	7	LT50 30/12	CSI50 25/17
100 mm, 16swg, 10swg	8	LT50 30/12	CSI50 30/17
100 mm, 16swg, 10swg	11	LT50 40/12	CSI50 40/17
100 mm, 16swg, 10swg	14	LT50 50/12	CSI60 55/17
100 mm, 16swg, 10swg	15	LT60 60/12	CSI60 55/17

SECEUROVISION 90 150 mm spacing			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	6	LT50 30/12	CSI50 25/17
70 mm/4"	7	LT50 30/12	CSI50 30/17
70 mm/4"	9	LT50 40/12	CSI50 40/17
70 mm/4"	12	LT50 50/12	CSI60 55/17
70 mm/4"	14	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12

SECEUROVISION 80 (FULLY PUNCHED)			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	5	LT50 30/12	CSI50 25/17
70 mm/4"	6	LT50 30/12	CSI50 30/17
70 mm/4"	8	LT50 40/12	CSI50 40/17
70 mm/4"	10	LT50 50/12	CSI60 55/17
70 mm/4"	11	LT50 50/12	CSI60 55/17
70 mm/4"	12	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12
70 mm/4"	20	LT60 100/12	CSI60 100/12
5"	16	LT60 100/12	CSI60 100/12
5"	19	CSI60 120/12	CSI60 120/12
5"	20	LT80S CSI 150*	LT80S CSI 150*

SECEUROVISION 80 GLAZED OR SOLID			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	1.5	LT50 10/12	CSI50 20/17
70 mm/4"	2	LT50 15/12	CSI50 20/17
70 mm/4"	3	LT50 20/12	CSI50 20/17
70 mm/4"	3.8	LT50 20/12	CSI50 25/17
70 mm/4"	4	LT50 30/12	CSI50 30/17
70 mm/4"	6	LT50 40/12	CSI50 40/17
70 mm/4"	7	LT50 50/12	CSI60 55/17
70 mm/4"	8	LT60 60/12	CSI60 55/17
70 mm/4"	9	LT60 60/12	CSI60 60/12
70 mm/4"	12	LT60 80/12	CSI60 80/12
70 mm/4"	15	LT60 100/12	CSI60 100/12
70 mm/4"	18	CSI60 120/12	CSI60 120/12
70 mm/4"	20	LT80S CSI 150*	LT80S CSI 150*
5"	12	LT60 100/12	CSI60 100/12
5"	14	CSI60 120/12	CSI60 120/12
5"	18	LT80S CSI 150*	LT80S CSI 150*
5"	20	LT80S CSI 200*	LT80S CSI 200*

SECEUROVISION 90 75 mm spacing			
Axle	Max Area m ²	Motor	Override Motor
70 mm/4"	2	LT50 10/12	CSI50 20/17
70 mm/4"	3	LT50 15/12	CSI50 20/17
70 mm/4"	4	LT50 20/12	CSI50 20/17
70 mm/4"	5	LT50 30/12	CSI50 25/17
70 mm/4"	6	LT50 30/12	CSI50 30/17
70 mm/4"	8	LT50 40/12	CSI50 40/17
70 mm/4"	10	LT50 50/12	CSI60 55/17
70 mm/4"	11	LT50 50/12	CSI60 55/17
70 mm/4"	12	LT60 60/12	CSI60 60/12
70 mm/4"	16	LT60 80/12	CSI60 80/12
5"	16	LT60 100/12	CSI60 100/12

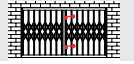
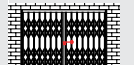
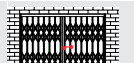

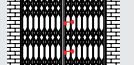

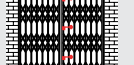
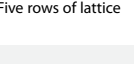
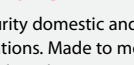
SECEUROSCHILD 75 22g			
Axle	Max Area m ²	Motor	Override Motor
4"	1.4	LT50 10/12	CSI 20/17
4"	2.1	LT50 15/12	CSI 20/17
4"	2.9	LT50 20/12	CSI 20/17
4"	3.6	LT50 30/11	CSI 25/17
4"	4.3	LT50 30/12	CSI 30/17
4"	5.8	LT50 40/12	CSI 40/17
4"	7.2	LT50 50/12	CSI 55/17
4"	7.7	LT60 60/12	CSI 55/17
4"	8.6	LT60 60/12	CSI 60/12
4"	11.6	LT60 80/12	CSI 80/12
4"	14.4	LT60 100/12	CSI 100/12
4"	17.2	CSI 120/12	CSI 120/12
4"	21.6	LT80S CSI 150*	LT80S CSI 150*
4"	28.8	LT80S CSI 200*	LT80S CSI 200*
5"	6.1	LT50 50/12	CSI 55/17
5"	6.7	LT60 60/12	CSI 60/12
5"	8.9	LT60 80/12	CSI 80/12
5"	11.2	LT60 100/12	CSI 100/12
5"	13.4	CSI 120/12	CSI 120/12
5"	16.8	LT80S CSI 150*	LT80S CSI 150*
5"	22.4	LT80S CSI 200*	LT80S CSI 200*

SECEUROVISION 75 22g			
Axle	Max Area m ²	Motor	Override Motor
4"	1.8	LT50 10/12	CSI 20/17
4"	2.6	LT50 15/12	CSI 20/17
4"	3.6	LT50 20/12	CSI 20/17
4"	4.5	LT50 30/12	CSI 25/17
4"	5.4	LT50 30/12	CSI 30/17
4"	7.3	LT50 40/12	CSI 40/17
4"	9	LT50 50/12	CSI 55/17
4"	9.6	LT60 60/12	CSI 55/17
4"	10.8	LT60 60/12	CSI 60/12
4"	14.5	LT60 80/12	CSI 80/12
4"	18	LT60 100/12	CSI 100/12
4"	21.5	CSI 120/12	CSI 120/12
4"	27	LT80S CSI 150*	LT80S CSI 150*
4"	36	LT80S CSI 200*	LT80S CSI 200*
5"	7.6	CSI 55/17	CSI 55/17
5"	8.4	LT60 60/12	CSI 60/12
5"	11.1	LT60 80/12	CSI 80/12
5"	14	LT60 100/12	CSI 100/12
5"	16.8	CSI 120/12	CSI 120/12
5"	21	LT80S CSI 150*	LT80S CSI 150*
5"	28	LT80S CSI 200*	LT80S CSI 200*



For openings of less than 600 mm x 600 mm we recommend using SeceuroBar (see pages 38).

Available lock positions – only one lock per gate, indicate which position is required on the order form.

		Width (mm)										Single sash hinge aside max		All single sash gates 2 m wide and above will be supplied with split sashes										Bi-parting hinge aside max									
Height (mm)		800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700		
	800	335	340	382	401	420	442	467	489	517	537	553	576	602	627	650	671	693	717	741	764	791	811	828	854	875	902	923	946	962	988		
	900	336	353	402	422	442	472	496	522	545	569	589	614	637	664	687	708	729	755	780	802	828	854	875	903	923	949	972	998	1015	1042		
	1000	370	394	420	442	467	496	524	549	573	597	624	647	671	695	720	746	766	793	816	841	866	896	923	949	972	999	1024	1046	1072	1093		
	1100	393	438	444	472	503	530	560	586	615	645	669	695	726	750	777	804	836	859	886	916	944	972	1002	1029	1058	1083	1111	1142	1167	1212		
	1200	402	447	452	482	513	541	567	596	628	650	679	710	743	771	797	828	857	884	912	946	972	995	1028	1058	1083	1133	1151	1180	1214	1314		
	1300	422	456	482	513	545	572	597	632	665	693	724	755	788	816	847	882	910	943	971	1002	1033	1063	1091	1185	1216	1245	1276	1309	1341	1357		
	1400	467	503	536	571	602	632	664	695	729	764	797	833	866	902	936	966	1002	1034	1072	1106	1135	1191	1226	1263	1294	1327	1362	1395	1431	1465		
	1500	482	519	553	589	624	656	693	724	759	795	833	866	902	936	966	1003	1038	1075	1109	1166	1203	1237	1272	1309	1343	1373	1409	1446	1484	1516		
	1600	496	536	573	609	645	679	720	755	791	828	866	902	936	966	1002	1038	1080	1112	1150	1226	1244	1278	1315	1351	1392	1425	1460	1494	1538	1570		
	1700	529	568	607	645	678	720	760	797	834	873	914	950	988	1024	1058	1097	1135	1192	1235	1272	1314	1347	1387	1425	1465	1502	1539	1577	1618	1654		
	1800	555	596	637	675	719	759	798	840	882	918	961	1002	1042	1078	1112	1173	1214	1252	1294	1335	1373	1415	1455	1494	1538	1577	1618	1661	1700	1741		
	1900	586	628	670	713	759	798	841	883	921	966	1008	1052	1093	1131	1191	1237	1278	1321	1362	1406	1447	1489	1532	1574	1613	1661	1702	1745	1785	1828		
	2000	620	664	704	750	797	840	883	923	966	1013	1059	1102	1147	1205	1255	1295	1343	1387	1430	1476	1522	1564	1606	1648	1693	1740	1788	1828	1869	1916		
	2100	656	704	749	797	845	890	938	981	1028	1076	1126	1167	1210	1277	1321	1369	1420	1462	1510	1558	1606	1650	1699	1742	1789	1831	1881	1923	1970	2021		
	2200	695	746	795	843	892	944	994	1038	1087	1139	1188	1235	1276	1363	1393	1442	1489	1540	1589	1639	1692	1740	1788	1836	1886	1929	1972	2022	2074	2183		
	2300	717	765	815	868	918	967	1020	1071	1117	1169	1222	1267	1332	1392	1433	1484	1535	1583	1636	1682	1730	1785	1836	1886	1934	1981	2028	2140	2190	2242		
	2400	741	791	839	892	948	999	1046	1093	1143	1197	1274	1324	1371	1422	1470	1525	1581	1629	1677	1726	1777	1830	1886	1934	1982	2033	2142	2194	2249	2301		
	2500	760	828	869	918	971	1024	1073	1126	1175	1245	1314	1332	1386	1433	1482	1535	1588	1639	1692	1742	1793	1845	1899	1948	1995	2108	2158	2212	2268	2317		
	2600	784	839	892	943	991	1045	1100	1154	1231	1284	1339	1393	1447	1494	1546	1600	1654	1707	1764	1819	1872	1929	1982	2092	2142	2194	2249	2306	2360	2416		
	2700	815	870	930	983	1034	1088	1150	1226	1284	1339	1395	1450	1509	1559	1612	1671	1727	1785	1843	1895	1952	2007	2123	2181	2233	2289	2345	2400	2457	2515		
	2800	843	907	966	1025	1080	1135	1192	1277	1339	1395	1452	1510	1564	1621	1678	1741	1802	1860	1914	1972	2030	2148	2203	2268	2326	2386	2438	2496	2555	2616		
	2900	863	925	995	1056	1119	1180	1299	1361	1431	1490	1557	1618	1680	1741	1801	1866	1933	1995	2058	2121	2224	2304	2364	2428	2492	2557	2619	2680	2734	2798		
	3000	890	953	1042	1083	1150	1205	1327	1388	1460	1521	1583	1647	1707	1768	1828	1893	1960	2025	2085	2149	2249	2330	2392	2457	2521	2586	2648	2710	2762	2823		
	3100	917	983	1088	1112	1175	1236	1357	1415	1486	1551	1612	1674	1740	1796	1857	1922	1989	2053	2115	2179	2280	2359	2421	2484	2552	2613	2675	2737	2793	2853		
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	3400	1003	1071	1237	1247	1263	1319	1440	1502	1572	1636	1699	1760	1823	1882	1944	2007	2075	2136	2199	2265	2365	2444	2507	2567	2638	2701	2760	2823	2878	2938		
3500	1032	1097	1284	1286	1287	1347	1468	1528	1600	1664	1725	1789	1851	1910	1970	2035	2103	2164	2227	2289	2394	2471	2530	2599	2666	2726	2791	2853	2906	2966			

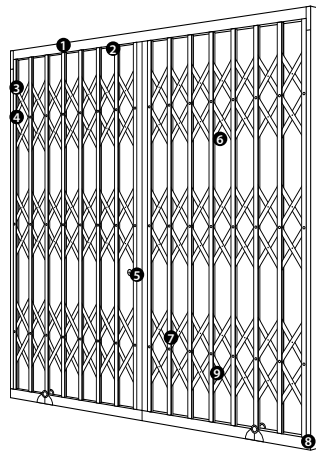
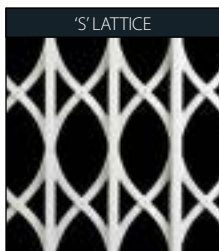
COMMON APPLICATIONS

Internal medium to high security domestic and selected commercial and retail applications. Made to measure in powder coated pre-galvanised steel.

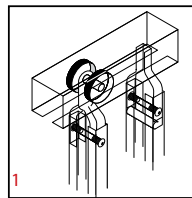
CONSTRUCTION

Lattice

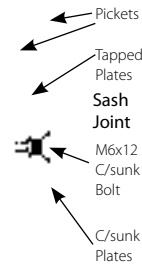
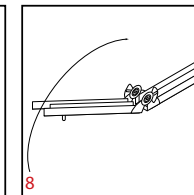
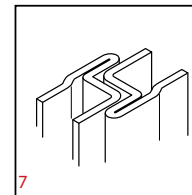
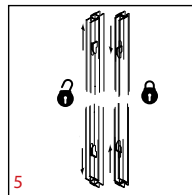
High grade steel in 'X' lattice as standard and 'S' lattice as an option. Weight 19 kg m² nominal



GENERAL ARRANGEMENT



- 1 Top hung on nylon coated steel bearings
- 2 All galvanised steel construction
- 3 Powder coating in a range of colours
- 4 Fits within or around the reveal
- 5 Multi-point locking from single key – 2 point
- 6 Strong steel lattice with smooth durable finish
- 7 Overlapped locking profiles
- 8 Optional folding bottom track
- 9 Steel rivetted lattice assembly system.



Gate Height Range (mm)	Number of lock hooks available
Above 1000	2 hooks (4 optional)
650-1000	2 hooks
501-650	1 lock hook
350-500	Fixed panel

Please note: SeceuroGuard 1000 can accommodate an unlimited width with multiple sashes. Sashes are made in single pieces up to 2 m wide. Larger sizes are made in sections for assembly on site, ensuring the weight of each section can be handled safely. Gates which are wider than 4 m will be supplied with the top track in two pieces, the split will be in the middle. Where two split sashes meet two pickets are joined together using bolts and fixing plates supplied loose (see illustration above).





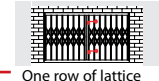
LARGER WIDTHS AVAILABLE:

SeceuroGuard 1000 can be manufactured to suit wider openings.
Contact your Account Manager if you require a price and more details.

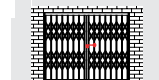
Height (mm) Width (mm)

All gates 4 m wide and above will be supplied with split sashes

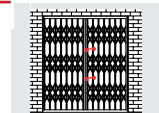
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900	1063	1087	1109	1129	1151	1169	1190	1210	1231	1248	1272	1290	1314	1331	1351	1371	1392	1412	1433	1452	1474	1490	1514
1000	1119	1142	1167	1226	1248	1276	1222	1324	1347	1371	1395	1422	1444	1468	1490	1516	1540	1564	1589	1613	1639	1664	1687
1100	1240	1269	1295	1325	1351	1380	1380	1435	1465	1490	1521	1551	1577	1606	1636	1664	1693	1721	1748	1777	1804	1831	1861
1200	1332	1359	1392	1420	1450	1485	1510	1534	1558	1582	1606	1630	1654	1678	1703	1726	1751	1777	1801	1824	1849	1872	1898
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1700	1694	1727	1765	1802	1841	1873	1911	1948	1984	2022	2058	2093	2130	2165	2203	2240	2275	2313	2348	2387	2423	2460	2492
1800	1780	1820	1861	1904	1944	1982	2025	2062	2104	2147	2185	2226	2268	2306	2346	2389	2428	2468	2510	2548	2591	2629	2671
1900	1872	1913	1953	1995	2035	2136	2179	2220	2259	2298	2340	2379	2421	2461	2501	2543	2580	2621	2664	2703	2745	2784	2823
2000	1965	2007	2052	2152	2193	2239	2280	2323	2365	2408	2450	2491	2537	2578	2619	2664	2705	2750	2791	2833	2877	2918	2962
2100	2067	2172	2221	2268	2313	2359	2404	2451	2499	2545	2592	2640	2682	2729	2779	2823	2872	2918	2964	3010	3058	3103	3151
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2300	2289	2340	2391	2437	2486	2537	2585	2632	2679	2728	2779	2827	2877	2924	2973	3023	3069	3118	3166	3215	3264	3313	3359
2400	2350	2397	2448	2496	2545	2594	2642	2691	2737	2786	2835	2883	2935	2982	3030	3080	3129	3178	3225	3272	3320	3370	3420
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2600	2470	2523	2579	2633	2690	2745	2799	2853	2908	2963	3018	3071	3128	3183	3235	3289	3344	3399	3454	3509	3563	3618	3672
2700	2571	2629	2682	2737	2755	2808	2862	2918	2973	3027	3083	3136	3190	3246	3301	3355	3406	3464	3518	3570	3626	3679	3735
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2900	2858	2919	2980	3041	3102	3162	3224	3283	3344	3403	3466	3525	3588	3648	3709	3770	3831	3889	3951	4013	4074	4135	4194
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3100	2915	2976	3037	3096	3156	3217	3279	3341	3400	3463	3521	3583	3642	3705	3763	3827	3885	3948	4006	4068	4131	4190	4252
3200	2943	3004	3066	3128	3187	3247	3309	3369	3428	3489	3551	3611	3672	3733	3796	3855	3915	3976	4038	4097	4159	4218	4280
3300	2973	3032	3094	3154	3215	3276	3339	3403	3457	3518	3579	3639	3702	3760	3824	3882	3943	4003	4065	4123	4186	4245	4308
3400	3000	3061	3122	3184	3243	3303	3364	3425	3485	3547	3607	3669	3729	3788	3850	3910	3972	4032	4094	4156	4215	4274	4336
3500	3029	3089	3151	3211	3271	3335	3394	3454	3514	3575	3636	3696	3758	3818	3880	3940	4000	4061	4121	4184	4243	4304	4364



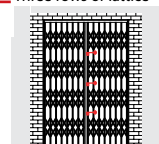
One row of lattice



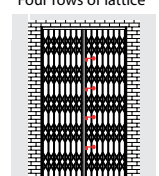
Two rows of lattice



Three rows of lattice



Four rows of lattice



Five rows of lattice

***Please note:**
See page 33 for
bunching sizes

OPTIONS

Folding bottom track*	£55.91 per sash
Fixed Panel	Trade discount increased 5%
Removable bottom track	£56.51
Reinforced locking (3 or 4 point)	£74.91
Hinge aside (add lift up bottom track if required)	£159.45 per sash
Additional blank key	£5.84
Handle with fixings (one per sash supplied as standard)	£9.25 each
Reinforced top/bottom track for face fitting	£23.29 per m (45 x 20 mm section)
Floating sash	£139.57
Bottom running	£9.25 per gate
Low profile 'T' track (silver anodised only)	no cost option
Lock post to suit Euro profile lock	no cost option (without lock)
Half cylinder Euro profile lock	£13.26 fitted
Full cylinder Euro profile lock	£26.27 fitted
Slam lock and post	£116.73
Available component parts	
Top track per metre	Code: YGA430S0 £19.69 per linear metre
Bottom track 'W' per metre	Code: YGA021S0 £19.60 per linear metre
Replacement lock	Code: YGA133L0 £47.96 (specify keyed alike/different)
Lock post	Code: YGA031S0 £6.03 per metre



**THIS PRODUCT CAN BE
POWDER COATED**
See page 66

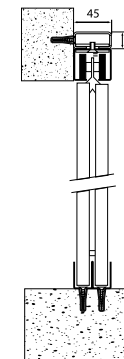
***Please note:** Folding tracks with a length of 600 mm or more are supplied with a retaining pin as standard. This is located between 488 mm and 568 mm from the ground regardless of track length. The retaining pin projects 60 mm beyond the lock post when the track is lowered and 30 mm when raised. If the width of the gate is greater than the height check that there will be sufficient room for the bottom track to fold up into.

There is an extra lead time for component gate sections, please call 01524 772400 for details.

SeceuroGuard 1000 can be supplied in Band A & B colours at no extra charge. See page 64 for further details. For external applications, a dark colour is recommended.

FACE FIXED SIDE ELEVATION

The standard arrangement for a face fitted gate is as shown with the top track and sides face fixed and the bottom track reveal fixed. When ordering please identify clearly how each side of the frame will be fitted. Importantly, the size of your order will be manufactured to a height including fixing frame(s).





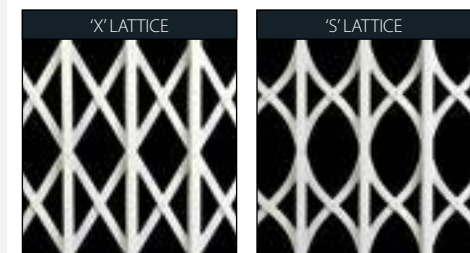
COMMON APPLICATIONS

Internal medium to high security domestic and selected commercial and retail applications. Made to measure in powder coated pre-galvanised steel.

CONSTRUCTION

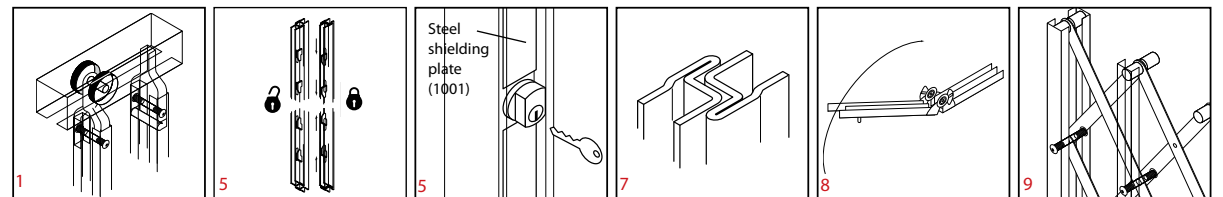
Lattice

High grade steel in 'X' lattice as standard and 'S' lattice as an option. Weight 19 kg m² nominal



GENERAL ARRANGEMENT

- Top hung on nylon coated steel bearings
- All galvanised steel construction
- Powder coating in a range of colours
- Fits within or around the reveal
- 4 point locking from a single key with the lock mechanism shielded by a steel plate
- Strong steel lattice with smooth durable finish
- Overlapped locking profiles
- Optional folding bottom track
- The 1001 has a specially designed lattice assembly system utilising high grade steel screws (patented).



1001 INSTALLATION CRITERIA

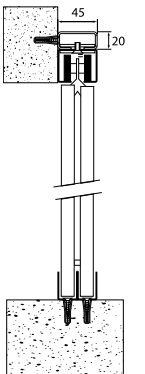
The validity of the LPCB certification is contingent upon each security gate being installed in accordance with the requirements of LPS 1175.

- Reveal or face installation
- Min fixing distance from edge of reveal 50 mm
- Max fixing distance from any corner 100 mm
- Max distance between fixing 400 mm
- All fixing heads spoiled:

Masonry	2.5" x 12s
Wood	4.0" x 12s
Steel	1.0" x M8s

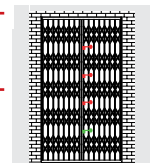
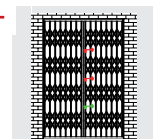
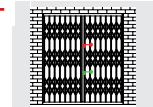
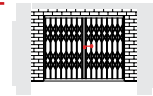
FACE FIXED SIDE ELEVATION

The standard arrangement for a face fitted gate is as shown with the top track and sides face fixed and the bottom track reveal fixed. When ordering please identify clearly how each side of the frame will be fitted. Importantly, the size of your order will be manufactured to a height including fixing frame(s).





Height (mm)		Width (mm)																			
		4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	6000
<div></div>	1000	1490	1522	1553	1581	1611	1642	1670	1700	1726	1758	1769	1780	1794	1831	1847	1898	1910	1923	1987	2001
	1100	1612	1646	1678	1713	1749	1785	1819	1851	1886	1918	2031	2142	2156	2221	2233	2297	2312	2323	2399	2427
	1200	1725	1765	1808	1836	1868	1895	1925	1954	1984	2014	2117	2221	2233	2297	2323	2389	2399	2413	2490	2517
	1300	1808	1849	1888	1931	1968	2007	2046	2083	2126	2164	2239	2312	2323	2389	2399	2465	2479	2504	2580	2607
	1400	1948	1990	2031	2074	2116	2157	2199	2241	2281	2325	2356	2389	2399	2465	2490	2556	2567	2580	2672	2698
	1500	2010	2055	2096	2138	2182	2222	2266	2305	2346	2389	2428	2465	2479	2556	2567	2647	2658	2672	2760	2786
	1600	2078	2118	2163	2204	2244	2287	2329	2372	2413	2453	2499	2544	2567	2632	2658	2724	2751	2760	2853	2879
	1700	2192	2240	2281	2326	2372	2416	2462	2504	2548	2595	2756	2916	2931	3020	3032	3125	3149	3162	3277	3291
	1800	2315	2364	2413	2463	2513	2561	2610	2661	2708	2758	2878	2992	3006	3096	3125	3214	3228	3250	3369	3381
	1900	2428	2479	2601	2649	2701	2750	2798	2846	2895	2945	3008	3071	3096	3188	3214	3303	3317	3343	3461	3471
	2000	2619	2672	2724	2775	2828	2880	2931	2982	3032	3086	3118	3149	3177	3266	3291	3381	3405	3431	3550	3561
	2100	2758	2817	2872	2927	2983	3041	3100	3154	3212	3267	3315	3375	3400	3504	3522	3626	3652	3677	3801	3821
	2200	2892	2950	3011	3069	3130	3189	3248	3309	3365	3425	3513	3600	3626	3743	3757	3873	3897	3923	4054	4079
	2300	2967	3027	3086	3143	3205	3262	3320	3382	3439	3501	3589	3677	3705	3821	3845	3963	3976	4002	4141	4167
	2400	3040	3100	3155	3215	3275	3337	3395	3453	3512	3569	3670	3767	3796	3897	3923	4040	4066	4093	4234	4261
	2500	3067	3129	3187	3246	3303	3364	3424	3481	3544	3599	3723	3845	3873	3989	4014	4132	4158	4184	4323	4349
	2600	3207	3272	3340	3405	3471	3540	3606	3671	3741	3803	3863	3923	3949	4066	4093	4219	4245	4270	4415	4437
	2700	3337	3351	3420	3484	3551	3617	3681	3752	3816	3883	3943	4002	4029	4158	4184	4300	4339	4364	4504	4530
	2800	3465	3535	3605	3671	3742	3807	3880	3949	4015	4086	4230	4375	4402	4544	4571	4699	4738	4761	4916	4944
	2900	3704	3777	3850	3925	3998	4071	4145	4218	4292	4367	4410	4454	4477	4621	4645	4788	4813	4854	5007	5034
3000	3734	3807	3883	3955	4031	4104	4180	4254	4326	4401	4466	4530	4571	4699	4738	4880	4906	4932	5098	5123	



***Please note:**
See page 33 for
bunching sizes

Insurance approved

Tested and approved to Loss Prevention Standard (LPS) 1175 security Rating 1 by the Loss Prevention Certification Board (LPCB) the UK's leading independent certification body covering products, installers and installations in the fire and security sectors.

Enhanced burglary protection is achieved through the use of an advanced 4 point locking system and unique patented assembly system. The validity of LPCB certification is contingent upon each gate being installed in accordance with the requirements of LPS 1175.



**THIS PRODUCT CAN BE
POWDER COATED**
See page 66

SeceuroGuard 1001 can be supplied in BAND A & B colours at no extra charge. See page 64 for further details. For external applications a dark colour is recommended.

OPTIONS

Folding bottom track*	£55.91 per sash
Fixed panel	Trade Discount increased 5%
Additional blank key	£5.84
Handle with fixings (one per sash supplied as standard)	£9.33 each
Reinforced top/bottom track for face fitting section)	£23.29 per metre (45 x 20 mm)

*** Please note:** Folding tracks with a length of 600 mm or more are supplied with a retaining pin as standard. This is located between 488 mm and 568 mm from the ground regardless of track length. The retaining pin projects 60 mm beyond the lock post when the track is lowered and 30 mm when raised.

Available component parts

Top track per metre	Code: YGA430S0	£19.69 per linear metre
Bottom track 'W' per metre	Code: YGA021S0	£19.60 per linear metre
Replacement lock	Code: YGA133L0	£47.96 (specify keyed alike/different)

SPECIAL LPCB RESTRICTIONS

Maximum Height	3000 mm
Minimum Height	1000 mm*
Maximum Width (bi-parting)	6000 mm
Maximum Width (single sash)	3000 mm
Minimum Width (bi-parting)	1000 mm
Minimum Width (single sash)	500 mm

SWS UK reserve the right to undertake installation spot checks, in the interest of both trade customer and end user.

All approved gates carry a label detailing the manufacturer, test standard and rating.

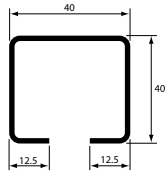
Please note: SeceuroGuard 1001 is NOT available with the hinge aside option, bottom running option, split top bottom tracks, removable bottom track or split sashes'



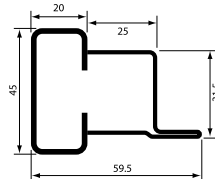
SeceuroGuard 1000 Bunch Sizes

Bunch Sizes

All clear opening sizes for single sash gates allow for the slam post. For hinge aside gates or folding bottom tracks, the bunch size is increased by a further 60 mm per sash



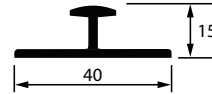
Top Track



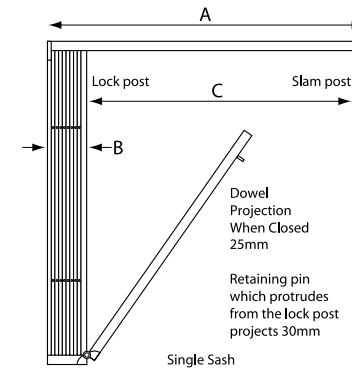
Single Sash Slam Post



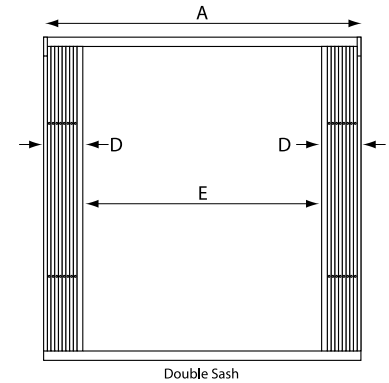
Bottom "W" Track



Bottom "T" Track



Single Sash

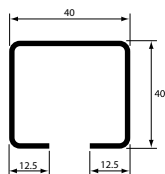


Double Sash

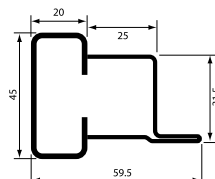
SeceuroGuard 1001 Bunch Sizes

Bunch Sizes

All clear opening sizes for single sash gates allow for the slam post.



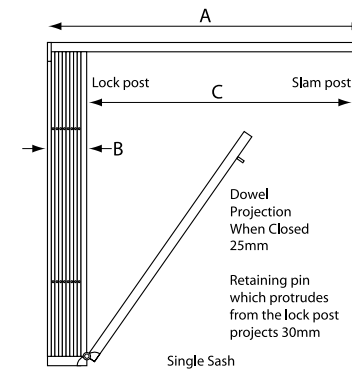
Top Track



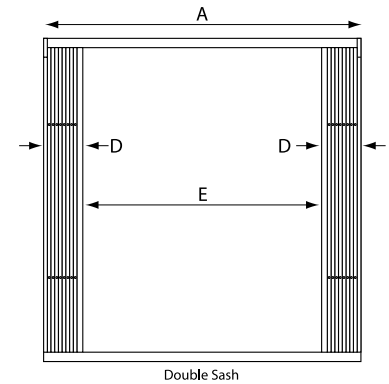
Single Sash Slam Post



Bottom "W" Track



Single Sash



Double Sash

SeceuroGuard 1000 & 1001 Bunch Sizes

Gates up to 2359 mm Overall Height					2360 - 3059 mm Overall Height					Gates over 3059 mm Overall Height				
OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH		OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH		OVERALL WIDTH (mm)	SINGLE SASH		DOUBLE SASH	
	SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)		SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH mm	CLEAR OPENING WIDTH (mm)		SINGLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)	DOUBLE SASH BUNCH (mm)	CLEAR OPENING WIDTH (mm)
250	110	78	110	30	250	110	78	94	62	250	110	78	94	62
300	110	128	110	80	300	110	128	94	112	300	110	128	94	112
350	110	178	110	130	350	110	178	94	162	350	110	178	94	162
400	126	212	110	180	400	126	212	110	180	400	126	212	110	180
450	126	262	110	230	450	126	262	110	230	450	126	262	110	230
500	142	296	110	280	500	142	296	110	280	500	142	296	110	280
600	142	396	110	380	600	142	396	110	380	600	142	396	110	380
700	158	480	126	448	700	158	480	126	448	700	158	480	126	448
800	174	564	126	548	800	174	564	126	548	800	174	564	126	548
900	190	648	142	616	900	190	648	142	616	900	190	648	142	616
1000	190	748	142	716	1000	190	748	142	716	1000	190	748	142	716
1100	206	832	142	816	1100	206	832	142	816	1100	206	832	142	816
1200	222	916	158	884	1200	222	916	158	884	1200	222	916	158	884
1300	238	1000	158	984	1300	254	984	158	984	1300	254	984	158	984
1400	238	1100	158	1084	1400	254	1084	158	1084	1400	254	1084	158	1084
1500	254	1184	174	1152	1500	270	1168	174	1152	1500	270	1168	174	1152
1600	270	1268	174	1252	1600	286	1252	174	1252	1600	286	1252	174	1252
1700	286	1352	190	1320	1700	302	1336	190	1320	1700	302	1336	190	1320
1800	302	1436	190	1420	1800	318	1420	190	1420	1800	318	1420	190	1420
1900	302	1536	190	1520	1900	318	1520	190	1520	1900	318	1520	190	1520
2000	334	1604	206	1588	2000	334	1604	206	1588	2000	350	1588	222	1556
2100	350	1688	206	1688	2100	350	1688	206	1688	2100	366	1672	222	1656
2200	366	1772	222	1756	2200	366	1772	222	1756	2200	382	1756	238	1724
2300	366	1872	222	1856	2300	366	1872	222	1856	2300	382	1856	238	1824
2400	382	1956	222	1956	2400	382	1956	222	1956	2400	398	1940	238	1924
2500	398	2040	238	2024	2500	398	2040	254	1992	2500	414	2024	254	1992
2600	414	2124	238	2124	2600	414	2124	254	2092	2600	430	2108	254	2092
2700	414	2224	238	2224	2700	414	2224	254	2192	2700	430	2208	254	2192
2800	430	2308	254	2292	2800	446	2292	270	2260	2800	446	2292	270	2260
2900	446	2392	254	2392	2900	462	2376	270	2360	2900	462	2376	270	2360
3000	462	2476	270	2460	3000	478	2460	286	2428	3000	478	2460	286	2428
3100	478	2560	270	2560	3100	494	2544	286	2528	3100	510	2528	286	2528
3200	478	2660	270	2660	3200	494	2644	286	2628	3200	510	2628	286	2628
3300	494	2744	286	2728	3300	510	2728	302	2696	3300	526	2712	302	2696
3400	510	2828	286	2828	3400	526	2812	302	2796	3400	542	2796	302	2796
3500	526	2912	302	2896	3500	542	2896	318	2864	3500	558	2880	318	2864
3600	526	3012	302	2996	3600	542	2996	318	2964	3600	558	2980	318	2964
3700	542	3096	302	3096	3700	558	3080	318	3064	3700	574	3064	318	3064
3800	558	3180	334	3132	3800	574	3164	334	3132	3800	590	3148	334	3132
3900	574	3264	334	3232	3900	590	3248	334	3232	3900	606	3232	334	3232
4000	574	3364	334	3332	4000	590	3348	334	3332	4000	606	3332	334	3332
4100	606	3432	350	3400	4100	606	3432	350	3400	4100	622	3416	366	3368
4200	622	3516	350	3500	4200	638	3500	350	3500	4200	654	3484	366	3468
4300	638	3600	366	3568	4300	654	3584	366	3568	4300	670	3568	382	3536
4400	654	3684	366	3668	4400	670	3668	366	3668	4400	686	3652	382	3636
4500	654	3784	366	3768	4500	670	3768	366	3768	4500	686	3752	382	3736
4600	670	3868	382	3836	4600	686	3852	382	3836	4600	702	3836	398	3804
4700	686	3952	382	3936	4700	702	3936	382	3936	4700	718	3920	398	3904
4800	702	4036	398	4004	4800	718	4020	398	4004	4800	734	4004	414	3972
4900	702	4136	398	4104	4900	718	4120	398	4104	4900	734	4104	414	4072
5000	718	4220	398	4204	5000	734	4204	398	4204	5000	750	4188	414	4172
5100	734	4304	414	4272	5100	750	4288	414	4272	5100	766	4272	430	4240
5200	750	4388	414	4372	5200	766	4372	414	4372	5200	798	4340	430	4340
5300	750	4488	414	4472	5300	766	4472	414	4472	5300	798	4440	430	4440
5400	766	4572	430	4540	5400	782	4556	446	4508	5400	814	4524	446	4508
5500	782	4656	430	4640	5500	798	4640	446	4608	5500	830	4608	446	4608
5600	798	4740	446	4708	5600	830	4708	462	4676	5600	846	4692	462	4676
5700	814	4824	446	4808	5700	846	4792	462	4776	5700	862	4776	462	4776
5800	814	4924	446	4908	5800	846	4892	462	4876	5800	862	4876	462	4876
5900	830	5008	462	4976	5900	862	4976	478	4944	5900	878	4960	478	4944
6000	846	5092	462	5076	6000	878	5060	478	5044	6000	894	5044	478	5044

Saftidor Retractable Security Gate

Xpanda Saftidor If lock required see below	Stack size	Width (mm)	Height (mm)	Minimum height available after cut down*	Sales code	Price (£) locks, tracks and brackets not included	Weight (kgs)
TYPE B	130	1000	2000	1620	XSD 90x200	£296.92	16
TYPE C	140	1150	2000	1620	XSD 115x200	£345.46	18
TYPE D	155	1300	2000	1620	XSD 130x200	£380.46	20
TYPE E	170	1450	2000	1620	XSD 145x200	£404.17	22
TYPE F	185	1600	2000	1620	XSD 160x200	£431.27	24
TYPE G	200	1800	2000	1620	XSD 180x200	£465.13	25
TYPE H	215	1950	2000	1620	XSD 195x200	£497.87	28
TYPE C		1150	2500	1620	XSD 115x250	£607.38	25
TYPE D		1300	2500	1620	XSD 130x250	£674.00	28
TYPE E		1450	2500	1620	XSD 145x250	£737.21	31
TYPE F		1600	2500	1620	XSD 160x250	£760.92	34
TYPE G		1800	2500	1620	XSD 180x250	£781.24	37

L205B lock pack keyed alike (incl. L205C bracket for face fix)

[XSD L205B*](#)

£64.66

L205B lock pack keyed different (incl. L205C bracket for face fix)

[XSD L205B](#)

£64.66

Blank keys for L205B

[XSD L205](#)

£8.39

Lock and accessory pack – XP1 – Saftidor Single sash

[XSD XP1](#)

£102.12

Lock and accessory pack – XP2 – Saftidor Double sash

[XSD XP2](#)

£129.34

Saftidor accessories	Sales code	Price (£)
S8 Saftidor castor (recommended with doors C to H)	XSD S8	£15.40
S9 Carpet cover plate	XSD S9	£4.61
S30 Handle	XSD S30	£7.91
General accessories	Sales code	Price (£)
S3 "L" Bracket 40 mm x 70 mm	XSD S3	£6.14
S4 Butt hinge (per pair)	XSD S4	£4.61
S10 Hanger roller	XSD S10	£5.99
S13 Top Track 2 metre	XSD S13*	£72.01
S13 Top Track 3 metre	XSD S13*	£108.99
S25 Shootbolt	XSD S25	£25.15
S35 Double Locking "T" Bracket	XSD S35	£19.16
S36 Locking "U" Bracket	XSD S36	£11.97
Lock Keep	XSDL205D	£10.48
Saftidor Multi Hinges (White)	XSD MH1	£31.61
Cut down charge		£110.17

XP1 Saftidor – Single sash

1 no L205B LOCK PACK

2 no S36 "U" brackets

1 no S8 castor

XP2 Saftidor – Double sash

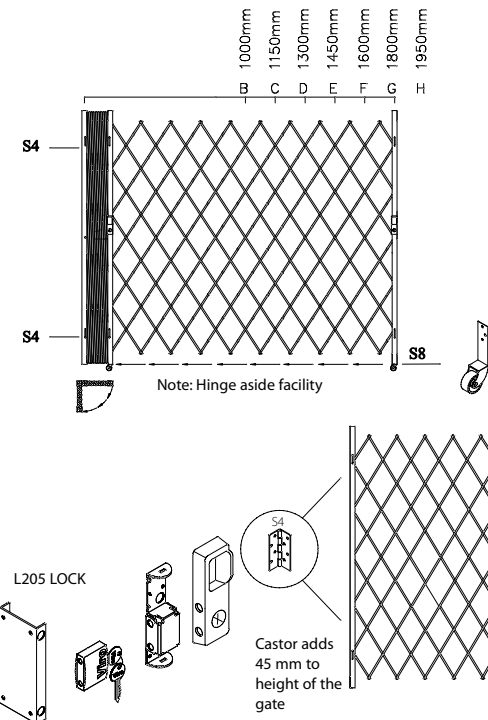
1 no L205B LOCK PACK

2 no S36 "U" brackets

1 no S35 "T" brackets

2 no S8 castor
1 no S25 shoot bolt
1 no S9 carpet cover plate

* Top track is supplied in 2 and 3 metre lengths only.



COMMON APPLICATIONS

Internal medium security trackless gate system with appealing diamond lattice aesthetic. Available 'off the shelf' as an ideal solution for projects requiring a fast turnaround.

CONSTRUCTION

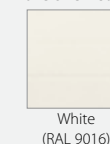
Lattice

12.7 x 12.7 x 0.9 mm tubular white epoxy coated cold rolled steel lattice set into 38 mm steel "U" channels by use of pivot pins.

Please note:

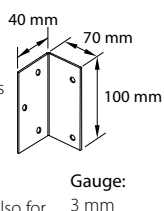
- The Saftidor is a diamond mesh collapsible gate, available in 7 standard widths and 2 heights (2 metres & 2.5 metres).
- Top Tracks are not supplied as standard but they are available as an optional extra in either a 2 or 3 metre length.
- Security can be enhanced with the addition of certain brackets (see above).
- Saftidors can be cut down in height for an extra charge (see above).
- The sashes come supplied as standard with a pair of hinges and are finished in white. Add price of lock or lock pack as required.
- The S8 castor is recommended on all widths of 1150 mm and above. If you require an S8 castor please ensure you allow 45 mm for the height of the castor wheel when calculating for fitting the Saftidor within a reveal.

Standard off the shelf colour



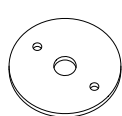
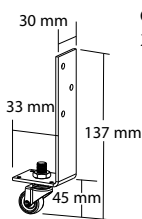
S3 "L" BRACKET

Used to fix Saftidors to frames when required to be spaced away from the door (due to large handle etc). Also for mounting tracks, fitting on inside of existing doors to hinge doors to swing 180 degrees.



S8 SAFTIDOR CASTOR

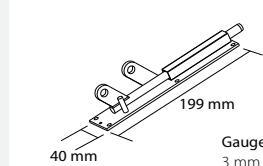
Recommender for all Saftidors from size C to H. Fits in leading channel to support and align lock with lock keep.



S9 CARPET COVER PLATE

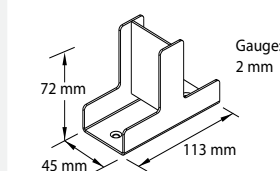
When using a shoot bolt through a carpet prevents damage to carpet and finishes.

Gauge:
3 mm
Size:
50 mm
diam.



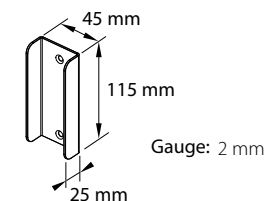
S25 SHOOT BOLT

Lockable shoot bolt used for various fittings but primarily for securing Saftidors when joining 2 or more gates together.



S35 DOUBLE LOCKING "T" BRACKET

Used for centre locking bi-parting Saftidors. Gives added rigidity and extra strength.



S36 "U" BRACKET

For locking two Saftidors together for added rigidity and extra strength.



Saftiwindow Retractable Security Gate

Xpanda Saftiwindow	Width (mm)	Height (mm)	Minimum height available after cut down*	Sales code	Price (£)	Weight (kgs)
WB2	900	850	no cut down	XSW 90x85	£176.12	8
WD2	1200	850	no cut down	XSW 120x85	£211.11	9
WB3	900	1000	810	XSW 90x100	£191.92	8
WD3	1200	1000	810	XSW 120x100	£252.89	11
WB4	900	1150	820	XSW 90x115	£238.20	9
WD4	1200	1150	820	XSW 120x115	£304.82	12
WB5	900	1300	810 (a)	XSW 90x130	£268.70	10
WD5	1200	1300	810 (a)	XSW 120x130	£336.43	14
WB6	900	1450	810 (b)	XSW 90x145	£345.46	11
WD6	1200	1450	810 (b)	XSW 120x145	£410.95	15

- (a) Please note due to the position of the rivet on the sash we are unable to cut between 45 mm and 65 mm at the top and bottom of the sash.
- (b) Please note due to the position of the rivet on the sash we are unable to cut between 120 mm and 140 mm at the top and bottom of the sash.
- (c) Saftiwindows bunch up to approximately 15% of their overall width.

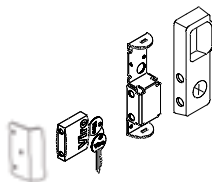
Saftiwindow accessories / options	Sales code	Price (£)
L100 Saftiwindow Slam Lock	XSW L100	£63.48
Cut down charge		£110.17
Lock & accessory pack - XP3 - Single	XSW XP3	£68.09
Lock & accessory pack - XP4 - Double	XSW XP4	£104.30
Saftidor Multi Hinges (White).	XSD MH1	£31.61

XP3 – Single sash

1 X L100 Lockpack
2 x S36 Brackets
1 no S8 castor

XP4 – Double sash

1 X L100 Lockpack
2 x S36 Brackets
1 x S35 T Bracket

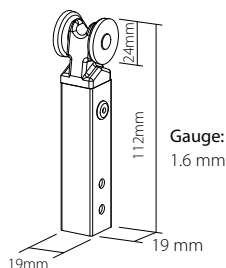


L100 (SMALL) LOCK

*Please see general accessories listed on page 34 for accessories which are suitable for both Saftidors and Saftiwindows.

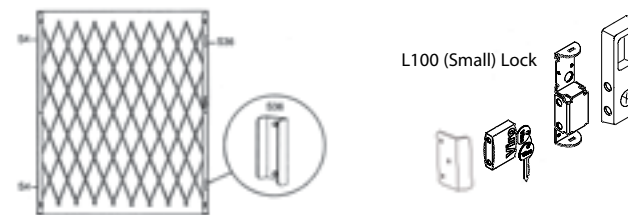
Please note:

- Saftiwindows are available in 2 widths and 5 heights, and like the Saftidor it can be used in a double sash format which correspondingly doubles the width options.
- Security can be enhanced with the addition of certain brackets. The sashes are supplied as standard with a pair of hinges and finished in white. Add price of lock or lock pack as required.
- Saftiwindows can be cut down in height for an extra charge.
- Top Tracks are not supplied as standard but they are available as an optional extra in either a 2 or 3 metre length.
- L100 locks are required with every Saftiwindow, unless the sash is being fitted as a fixed panel system. These locks can be supplied keyed alike.



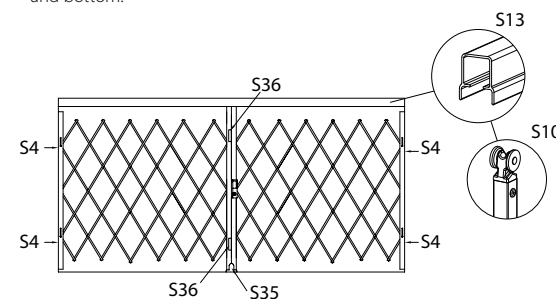
S10 SAFTIWINDOW / SAFTIDOR HANGER ROLLER

When hanging Saftiwindows or Saftidors using the top track, this roller is fitted into the top of the channel allowing the Saftidor/Saftiwindow to slide to the side. Option when two doors locking together.



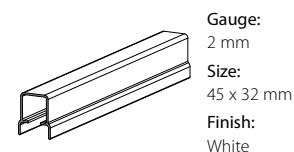
SINGLE SASH SAFTIWINDOW

Using the S36 brackets above and below the lock ensures that the channel is secured top and bottom.



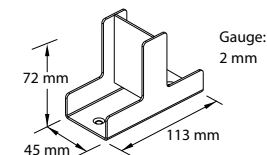
DOUBLE SASH SAFTIWINDOW

Using top track makes Saftidor and Saftiwindow very easy to fold to the side. Cutting the top track short in width allows the sash to drop out of track, allowing it to hinge to one side when fitted with the S4 butt hinges.



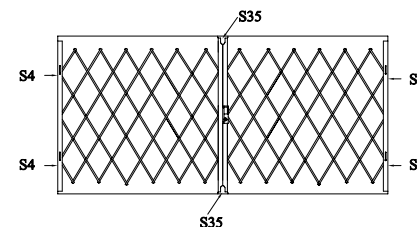
S13 TOP TRACK

Aluminium top track for Saftiwindows and Saftidors.



S35 DOUBLE LOCKING "T" BRACKET

Used for centre locking bi-parting Saftidors. Gives added rigidity and extra strength.

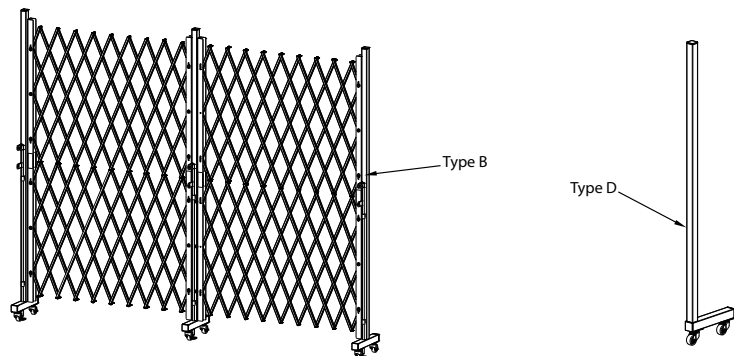


Using two S35 "T" brackets ensures absolute rigidity in the centre.

Saftidor Trackless Barrier System

Trolley	Sales code	Price (£)
Saftidor trolley type "B" + shoot bolt	XSD.TROLLEY.B	£211.18
Saftidor trolley type "D" (required where 2 Saftidors meet at 90 degrees to each other)	XSD.TROLLEY.D	£168.34

- The system is completely trackless (no top or bottom track), operates on a series of steel trolleys and can be completely mobile.
- The system can span any width.
- The standard heights of Saftidors available are 2 m and 2.5 m



Overview

COMMON APPLICATIONS

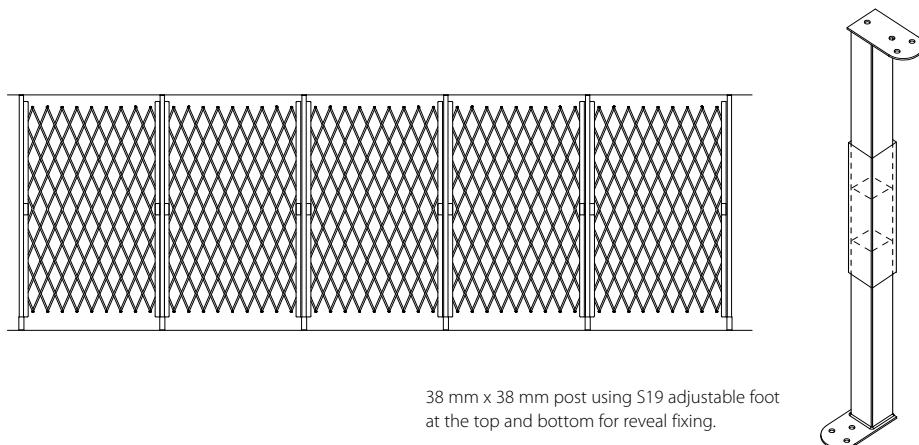
Can be used for barrier access for shopping centres, factory units, car parks, loading bays, function centres, warehouses, sports facilities, crowd control or simply for partitioning.

CONSTRUCTION

Saftidor units operating on a series of steel trolleys. See page 34 for Saftidor specification and prices.

Adjustable Post System

Post	Length	Sales code	Price (£)
S18 Post 38 mm x 38 mm	2 m	XXC.S18	£50.31
S19 Adjustable Foot	500 mm	XXC.S19	£25.16
Spring loaded dust cover	n/a	XSLDC	£33.31



Overview

COMMON APPLICATIONS

Free standing post system used when fitting a line of Saftidors / Saftiwindows to a large expanse of windows or openings where there are no fixings available to allow the product to be fitted in a continuous line.

CONSTRUCTION

38 mm x 38 mm hollow steel posts. Powder coated white. Available in either 2 m or 3 m lengths.

The S19 500 mm adjustable feet fit into the post top and bottom and can be fixed to the top and bottom of the opening.

Double Diamond Emergency Exit Saftidor

Width (mm)	Stack size (mm)	Height (mm)	Sales code	Price (£)	Weight (kgs)	Maximum cut down
1010	215	2000	XDD 101x200	£394.00	28	1995 - 1600mm @ £110.17
1330	260	2000	XDD 133x200	£485.46	34	
1650	320	2000	XDD 165x200	£569.00	40	

Lock accessories	Sales code	Price (£)
S71A 2000 x 38 mm lock post/lock keep with internal thumbturn lock and external cylinder (Cannot be keyed alike)	XDD S71A	£296.84
S71C Lock protection plate	XDD S71C	£43.43
Heavy duty castor	XDD CASTOR	£11.40
L205B Lock pack	XSD L205B	£64.66
S36 Locking 'U' Bracket	XSD S36	£11.97

- Xpanda Double Diamond doors can be unlocked from inside the premises by means of a thumb-turn lock, ensuring a quick keyless exit in emergencies.
- There are no tracks and they hinge aside as standard if required.
- The tight diamond pattern combined with a lock protection plate is designed to prevent intruders from reaching through the lattices to unlock the gate.
- Particularly effective against 'smash and grab' raids.
- Can also be installed with the L205B lock pack in non emergency exit applications.

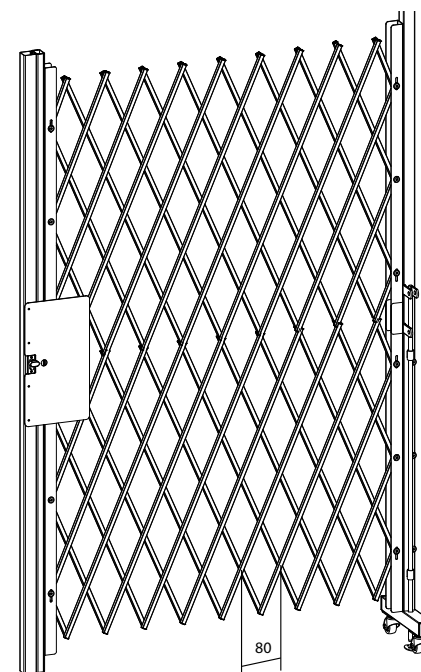
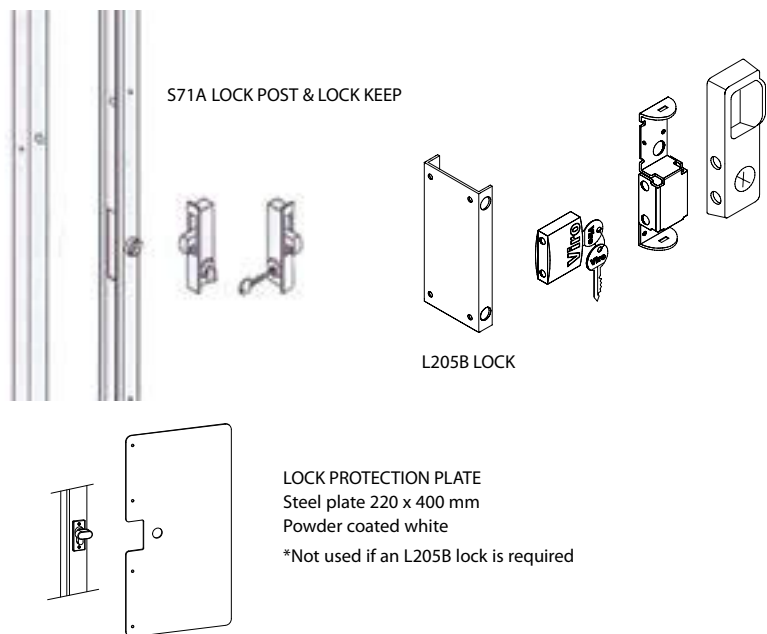
Overview

COMMON APPLICATIONS

Specifically designed for securing emergency exit doors (always seek approval from the local fire officer) and vulnerable glass door entrances.

CONSTRUCTION

Tubular steel lattice powder coated white as standard.



Widths shown are with a pitch of 80 mm

80

* Please allow at least 60 mm for heavy duty castor wheel to sit under channel of door when surveying.

COMMON APPLICATIONS

APPLICATION GUIDE

The award winning SeceuroBar system uses tough powder-coated steel bars which are locked in place on the inside of windows, in either a vertical or horizontal format. Strong extruded aluminium retaining units secure each bar, yet the unique locking system means that they can be released in seconds.

SPECIFICATION AND SIZES

The maximum width available with single key operation is 3000 mm. However, wider openings can be accommodated with an additional lock and set of bars. The minimum width for removable bars is 250 mm. The maximum height available is 2100 mm when fitted with spreader bars which reduce bar deflection on taller applications and ease their removal. Openings up to 1500 mm in height can be accommodated without the use of spreader bars. The minimum height restriction is 200 mm. Each bar consists of a 19 mm steel outer tube with free-moving 15 mm steel inner tube. The bars are locked in place using a high security 10 pin radial camlock with 5 million + key combinations. The maximum number of SeceuroBar systems that can be keyed alike is 100. It is not possible for us to key alike orders to ones supplied previously. SeceuroBar is supplied in semi gloss white (RAL 9010) as standard, however other colours are available by quotation. On narrow, but high openings or doorways the system can be installed with the retaining units running vertically and steel bars horizontally. When mounting the bars horizontally the lock must always be fixed on the left hand side when viewed from inside looking out. SeceuroBar can be supplied with pre-powder coated aluminium packers to face fix the system to any wall. SeceuroBar removable window bars are designed to be fitted internally and under no circumstances are they to be installed externally.

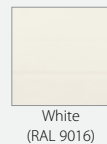
INSTALLATION

The system is designed to fit as close as possible to the window frame, this will avoid any cavity for dust and dirt to collect in. The top and bottom retaining units can be placed up to the window frame and the fixing positions marked with a pencil, the retaining units can then be removed and the appropriate size hole drilled. The minimum recommended fixing is 10 x 2" (50 mm) countersunk wood screws (see figure 1.). It is very important that countersunk screws are used, these will allow greater clearance in the top retaining unit. It is usually necessary to create a small recess directly below the lock position to allow the bottom fitment to seat correctly. For wider or horizontal bar applications the fixing plates can be secured within the retaining unit by using masking tape or a small amount of silicone sealer. (This will eliminate fixing plate movement). Before finally tightening the top and bottom retaining units the end caps should be moved out to the end of the opening, this will provide a neat and even finish to the system. The location of the fixing screw can be seen to the right.

OPERATION

SeceuroBar is operated by a single radial lock point. The key **must always be pressed** in before any key rotation is possible. All occupants of the building must be familiar with the operation of the system, and aware of the key's location.

STOCK COLOURS



White
(RAL 9016)



**THIS PRODUCT CAN BE
POWDER COATED**
See page 66

Please note: the plastic end caps are only available in white.

ORDERING NOTE:

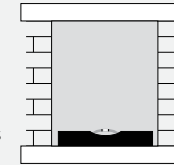
Ensure that tight reveal sizes (in particular the height) are given when ordering. Failure to do this could mean that the bars are cut too short for the opening compromising the level of security achieved.

HINTS & TIPS

SURVEYING

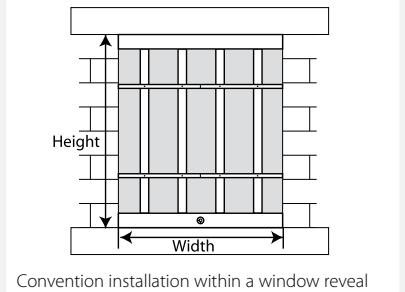
It is important to check during the survey that the opening is suitable for SeceuroBar. If the reveal construction is solid steel or a cavity then it would be better to face fix the system around the opening.

You must check that the reveal is straight and level, any deflection of the bottom retaining unit will cause the mechanism to stick. Packing strips can be used to make the reveal level.

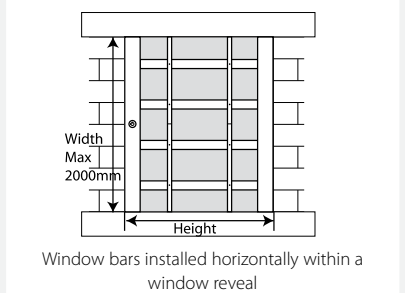


If the reveal slopes inwards or outwards (see figure 2.), or the top retaining unit is not fitted directly above the bottom retaining unit, the sockets will not lock in the slider mechanism. The reveal should be levelled up with packing strips and re-measured.

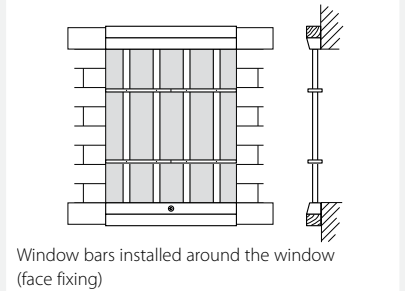
When surveying for window bars which are fitted horizontally you must provide the width and height as shown in the diagram. The maximum width for a window bar fitted horizontally is 2000 mm. When mounting the bars horizontally the lock must always be on the left looking from the inside out.



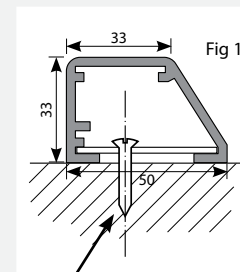
Convention installation within a window reveal



Window bars installed horizontally within a window reveal



Window bars installed around the window (face fixing)



Counter sunk screw

Aluminium guide and fixing plate

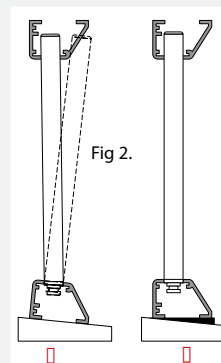


Fig 2.

WHAT ARE SPREADER BARS?

Spreader bars are used to reduce the deflection on taller applications and ease removal of the bars. Two rows of spreader bars are required on all bar systems above 1500 mm tall. The spreader bars should be fitted one quarter tube height from the top and bottom to give maximum rigidity. The spreader bars are to be fitted before they are located into the top and bottom retaining units. Fixing is by M5 8 mm grub screw with 2.5 mm allen head.

FACE FIXING AND HORIZONTAL OPERATION

The system can be supplied (at additional cost) with pre powder coated 50 mm x 50 mm aluminium packers to face fix it to any wall. When mounting the bars horizontally the lock must always be fixed on the left hand side looking from inside out.

Width (mm)

Height (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
800	254	261	284	299	314	331	350	366	387	403	413	437	445	468	487	504	521	536	553	572	590	608	621
900	258	267	299	316	331	354	372	391	407	424	441	458	472	496	513	529	547	567	586	598	621	638	657
1000	278	295	314	331	350	371	395	412	432	449	467	484	504	523	543	555	575	594	614	631	647	671	689
1100	293	326	332	354	375	397	418	440	461	481	500	523	546	563	583	601	626	642	664	686	708	728	752
1200	299	332	338	360	386	404	423	447	470	487	507	530	553	575	595	621	642	663	681	709	728	746	778
1300	316	340	360	386	407	430	449	472	499	521	544	567	589	614	634	662	680	706	728	752	775	797	817
1400	350	375	401	425	450	472	496	523	547	572	595	623	647	674	704	722	752	777	800	825	852	892	917
1500	360	390	413	441	467	491	521	544	569	594	623	647	674	704	722	754	778	803	832	873	901	926	951
1600	371	401	432	454	481	507	543	567	590	621	647	674	704	722	752	778	810	836	859	917	934	956	986
1700	395	424	454	481	507	543	571	595	626	657	686	712	741	763	795	821	852	895	923	951	986	1005	1038
1800	417	447	479	506	538	569	597	630	662	688	719	752	781	806	836	881	909	942	972	999	1032	1064	1092
1900	440	470	502	531	569	597	631	663	689	722	757	791	817	848	892	926	956	991	1022	1051	1085	1116	1147
2000	445	496	527	563	595	630	674	689	714	757	796	824	858	904	942	972	956	1038	1072	1108	1140	1174	1204
2100	472	527	560	595	633	667	705	734	769	806	843	873	905	954	991	1027	1064	1094	1130	1166	1204	1237	1272
	6	7	7	8	9	10	11	11	12	13	14	15	15	16	17	18	19	19	20	21	22	23	23

▲ Minimum width for double sash

Number of bars

The distance between the centres of each bar is 125 mm.

No spreader bars as standard

Spreader bars as standard

Overview

COMMON APPLICATIONS

Ideal for lower security domestic and commercial applications where removal of the security device is required occasionally. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

MAXIMUM & MINIMUM SIZES

When bars are fitted vertically:

Minimum reveal width	250 mm
Maximum reveal width	3000 mm
(greater if multiple units are used)	
Minimum reveal height	200 mm
Maximum reveal height	2100 mm
Maximum reveal height without spreader bars	1500 mm

When bars are fitted horizontally:

Minimum reveal width	200 mm
Maximum reveal width	2000 mm
Minimum reveal height	250 mm
Maximum reveal height	2000 mm

COMPONENT PARTS

Top guide

Code: YRB010E0

Per metre: **£40.89**

3 Hole spreader bar

Code 3 hole: RB160E0

Code 2 hole: RB150E0

Each: **£32.02**

White plastic end cap

Code left: RB110P0

Code right: RB120P0

Each: **£1.38**

Bottom guide

Code: YRB020E1

Per metre: **40.89**

Lock slider

Code: RB050S0

Each: **£27.85**

10 Pin radial cam-lock

Code: RB070L0

Each: **£39.24**

Fixing plate

Code: RB100S0

Each: **£1.38**

Slider plate

Code: RB090S0

Each: **£2.46**

Tube socket

Code: RB080S0

Each: **£3.66**

Plastic tube end cap

Code: RB061P0

Each: **£1.23**

50 mm x 50 mm x 3 mm Aluminium Packing Box Section

Mill finish: YBS550E0

White: YBS550E1

Brown: YBS550E2

Per metre: **£29.48**

19 mm Outer steel tube

Code: YRB031T0

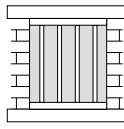
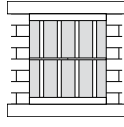
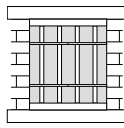
Per metre: **£13.39**

15 mm Inner steel tube

Code: YRB040T0

Per metre: **£6.27**

Width (mm)

Height (mm)	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	
800	271	271	286	286	309	333	360	386	410	435	460	487	510	538	563	590	614	638	 No spreader bars as standard
900	271	271	288	317	345	373	403	432	460	490	519	547	575	603	633	662	689	719	
1000	286	288	321	351	386	418	448	479	510	545	575	607	638	672	706	736	766	799	
1100	286	317	351	388	423	458	492	528	563	574	633	669	706	740	773	808	844	881	 1 Spreader bar as standard
1200	309	345	386	423	460	501	538	575	614	574	689	730	766	804	844	884	921	960	
1300	333	373	418	458	501	540	580	625	665	708	749	792	833	874	914	956	998	1041	
1400	360	403	448	492	538	580	627	672	716	760	804	850	897	940	987	1030	1075	1120	 2 Spreader bars as standard
1500	386	432	479	528	575	625	672	719	766	816	863	910	960	1005	1054	1100	1154	1201	
1600	410	460	510	563	614	665	716	766	820	872	921	973	1023	1075	1128	1177	1228	1278	
1700	435	490	545	597	654	708	760	816	872	926	978	1033	1087	1139	1196	1254	1304	1360	
1800	460	519	575	633	689	749	804	863	921	978	1036	1095	1154	1210	1266	1324	1382	1440	
1900	487	547	607	669	730	792	850	910	973	1033	1095	1157	1217	1276	1338	1396	1460	1520	
2000	510	575	638	706	766	833	897	960	1023	1087	1154	1217	1278	1343	1407	1472	1537	1597	
2100	538	603	672	740	804	874	940	1005	1075	1139	1210	1276	1343	1412	1476	1544	1612	1679	
2200	563	633	706	773	844	914	987	1054	1128	1196	1266	1338	1407	1476	1547	1619	1690	1759	
2300	590	662	736	808	884	956	1030	1100	1177	1254	1324	1396	1472	1544	1619	1693	1766	1840	
2400	614	689	766	844	921	998	1075	1154	1228	1304	1382	1460	1537	1612	1690	1766	1843	1920	
2500	638	719	799	881	960	1041	1120	1201	1278	1360	1440	1520	1597	1679	1759	1840	1920	1998	

The distance between the centres of each bar is approximately 125 mm.

Overview

COMMON APPLICATIONS

Ideal for higher security domestic and commercial applications where removal of the security device is not required. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

STANDARD COLOURS

This product can be powder with coated any of the stock colours listed on page 64 at no extra cost.

Please note that if this product is being installed externally we recommend that you select the zinc base primer option.



THIS PRODUCT CAN BE POWDER COATED
See page 66

CONSTRUCTION

Square Bar 20 mm
Round Bar 16 mm

FRAME

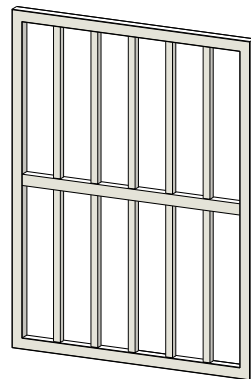
40 x 40 steel box
30 x 30 steel box

SPREADER BARS

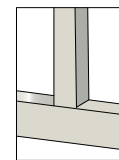
40 x 40 steel box
30 x 30 steel box

WEIGHT

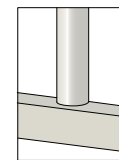
35 Kg/sqm
25 Kg/sqm



FIXED WINDOW BAR



SQUARE BAR



ROUNDED BAR

OPTIONS

CUT OUTS

£69.82 each
Available as either a 3 sided or 4 sided cut out.
Please specify on your order the type, size and location of the cut out required.

LUGS

£68.38 per linear metre Available for face or reveal fixing

ZINC BASE PRIMER

Recommended if the bars are being installed externally

£81.47 per square metre



STANDARD BAR GATE OVERVIEW

- 40 mm box frame
- 40 mm box gate
- 16 mm infill
- Small slam plate
- 3 x hinges
- Fixing holes
- Powder coated
- Lock box with 5 lever lock

£912.31 + VAT

Standard Bar Gate available up to 2 m²



Diamond Mesh Grilles

Width (mm)

	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
800	123	136	167	167	184	197	214	219	243	258	274	289	307	318	335	350	366	380
900	136	153	170	189	206	223	239	245	274	291	310	326	343	360	377	393	412	428
1000	152	170	200	222	239	260	280	300	321	339	361	419	401	420	438	460	479	501
1100	167	188	219	240	265	287	335	331	351	372	396	412	438	463	483	506	528	550
1200	184	206	239	265	288	312	393	361	386	407	432	457	479	504	528	551	575	598
1300	197	223	258	287	312	338	363	391	418	442	468	492	521	547	571	597	625	649
1400	214	239	280	310	335	363	393	420	448	477	504	530	560	590	618	642	672	702
1500	229	257	300	331	361	391	420	450	479	508	540	570	598	631	660	688	719	752
1600	243	274	321	351	386	418	448	479	510	545	575	607	638	672	706	736	766	799
1700	258	293	339	372	407	442	477	508	545	576	612	645	679	712	749	781	816	848
1800	274	310	361	396	432	468	504	540	575	612	646	684	719	757	793	830	863	900
1900	289	326	378	419	457	492	530	570	607	645	684	720	759	798	837	874	910	951
2000	307	343	401	438	479	521	560	598	638	679	719	759	799	840	881	920	960	999
2100	318	360	419	463	504	547	590	631	672	712	757	798	840	882	923	966	1005	1049
2200	335	377	438	483	528	571	618	660	706	749	793	837	881	923	968	1009	1054	1098
2300	350	393	458	506	551	597	642	688	736	781	830	874	920	966	1009	1056	1100	1151
2400	366	412	479	528	575	625	672	719	766	816	863	910	960	1005	1054	1100	1154	1201
2500	380	428	501	550	598	649	702	752	799	848	900	951	999	1049	1098	1151	1201	1253

Square Mesh Grilles

Width (mm)

	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
800	131	149	162	183	195	214	229	245	264	278	294	312	327	345	360	375	393	411
900	149	163	175	201	222	239	258	275	294	313	332	350	370	387	405	423	444	461
1000	162	185	215	236	258	280	303	323	343	365	388	407	430	452	472	495	517	538
1100	183	201	236	260	284	309	332	356	377	402	425	450	472	499	521	545	569	593
1200	195	222	258	284	311	334	362	388	412	437	465	490	517	543	569	594	621	643
1300	214	239	280	309	334	363	393	420	447	476	504	530	559	589	614	642	671	701
1400	229	258	303	332	362	393	423	452	480	510	543	571	600	632	662	689	720	755
1500	245	275	323	356	388	420	452	483	517	548	578	613	643	677	710	741	770	804
1600	264	294	343	377	412	447	480	517	550	587	621	654	687	720	757	793	825	859
1700	278	313	365	402	437	476	510	548	587	623	659	695	731	766	802	840	876	911
1800	294	332	388	425	465	504	543	578	621	659	698	735	770	812	850	889	928	968
1900	312	350	407	450	490	530	571	613	654	695	735	775	816	858	898	940	978	1022
2000	327	370	430	472	517	559	600	643	687	731	770	816	859	902	947	991	1032	1075
2100	345	387	452	499	543	589	632	677	720	766	812	858	902	948	994	1040	1084	1129
2200	360	405	472	521	569	614	662	710	757	802	850	898	947	994	1041	1087	1134	1183
2300	375	423	495	545	594	642	689	741	793	840	889	940	991	1040	1087	1136	1186	1235
2400	393	444	517	569	621	671	720	770	825	876	928	978	1032	1084	1134	1186	1236	1289
2500	411	461	538	593	643	701	755	804	859	911	968	1022	1075	1129	1183	1235	1289	1343

Overview

COMMON APPLICATIONS

Ideal for internal, higher security, domestic and commercial applications where removal of the security device is not required. A very useful option for openings that fall below the minimum size for SeceuroGuard 1000 retractable security gates.

CONSTRUCTION

MESH OPTIONS

Constructed from steel the mesh is available in either a diamond or square pattern

DIAMOND PATTERN

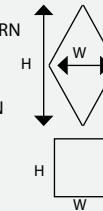
H = 77 mm

W = 33 mm

SQUARE PATTERN

H = 25 mm

W = 25 mm



FRAME OPTIONS

The frame can be constructed from any of the following sections:

25 mm flat steel

12 mm x 12 mm steel box

25 mm x 25 mm steel angle

STANDARD COLOURS

This product can be powder coated any of the stock colours listed on page 64 at no extra cost.



THIS PRODUCT CAN BE POWDER COATED
See page 66



DIAMOND MESH



SQUARE MESH

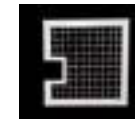
OPTIONS

CUT OUTS

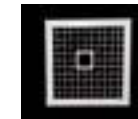
£67.79 each

Available as either a 3 sided or 4 sided cut out.

Please specify on your order the type, size and location of the cut out required.



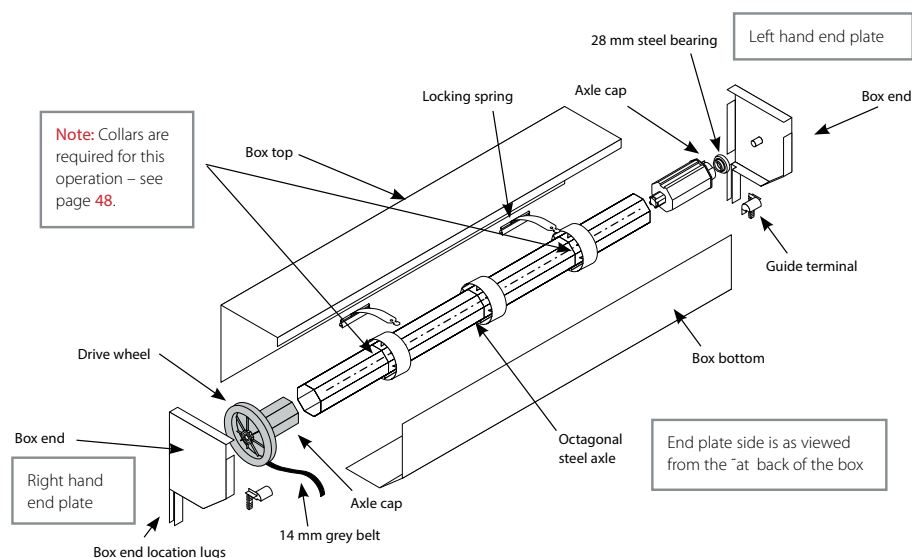
3 sided cut out



4 sided cut out

Shutter Standard Component Parts - SeceuroShield 150/T, SeceuroShield 38, SeceuroVision 38

Belt Operation



WINDER & BELT ROLLERS



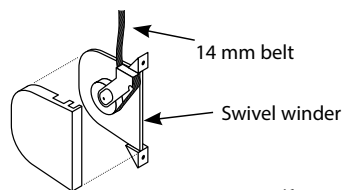
Small belt roller.

Fitted to the box bottom.
Used when a shutter is jitted internally with belt exit E.



Large belt roller.

Fitted to the wall, used when a shutter is jitted externally with belt exit A.

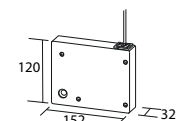


14 mm belt

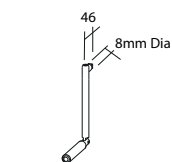
Swivel winder



PVC Tube



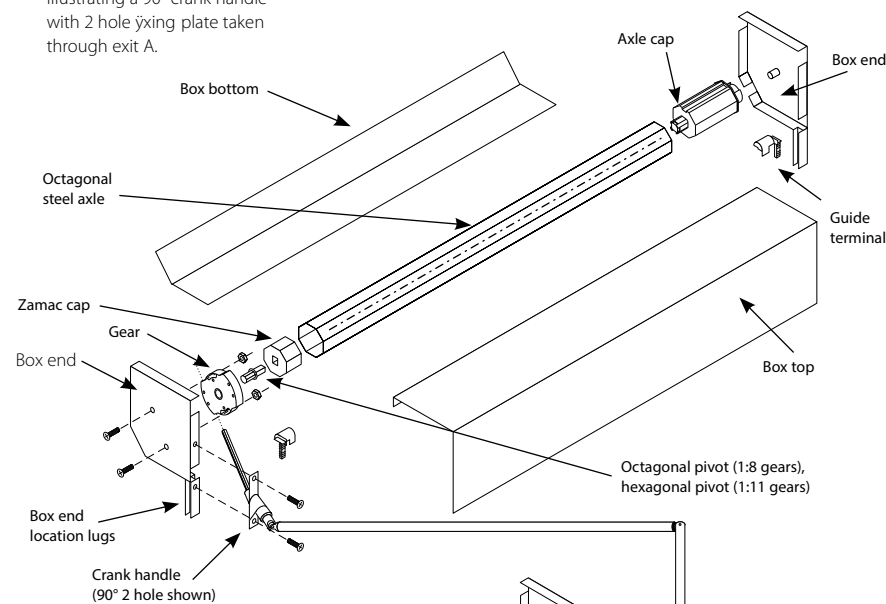
Geared belt winder



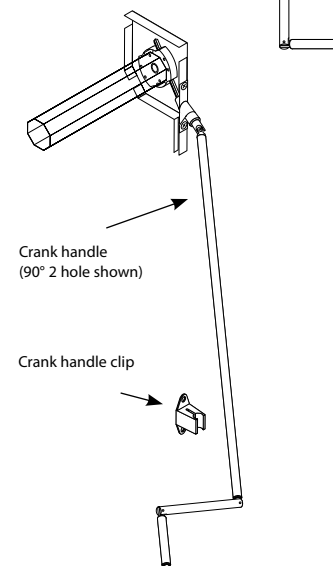
Winder handle

Rod Crank Operation

Illustrating a 90° crank handle with 2 hole yxing plate taken through exit A.

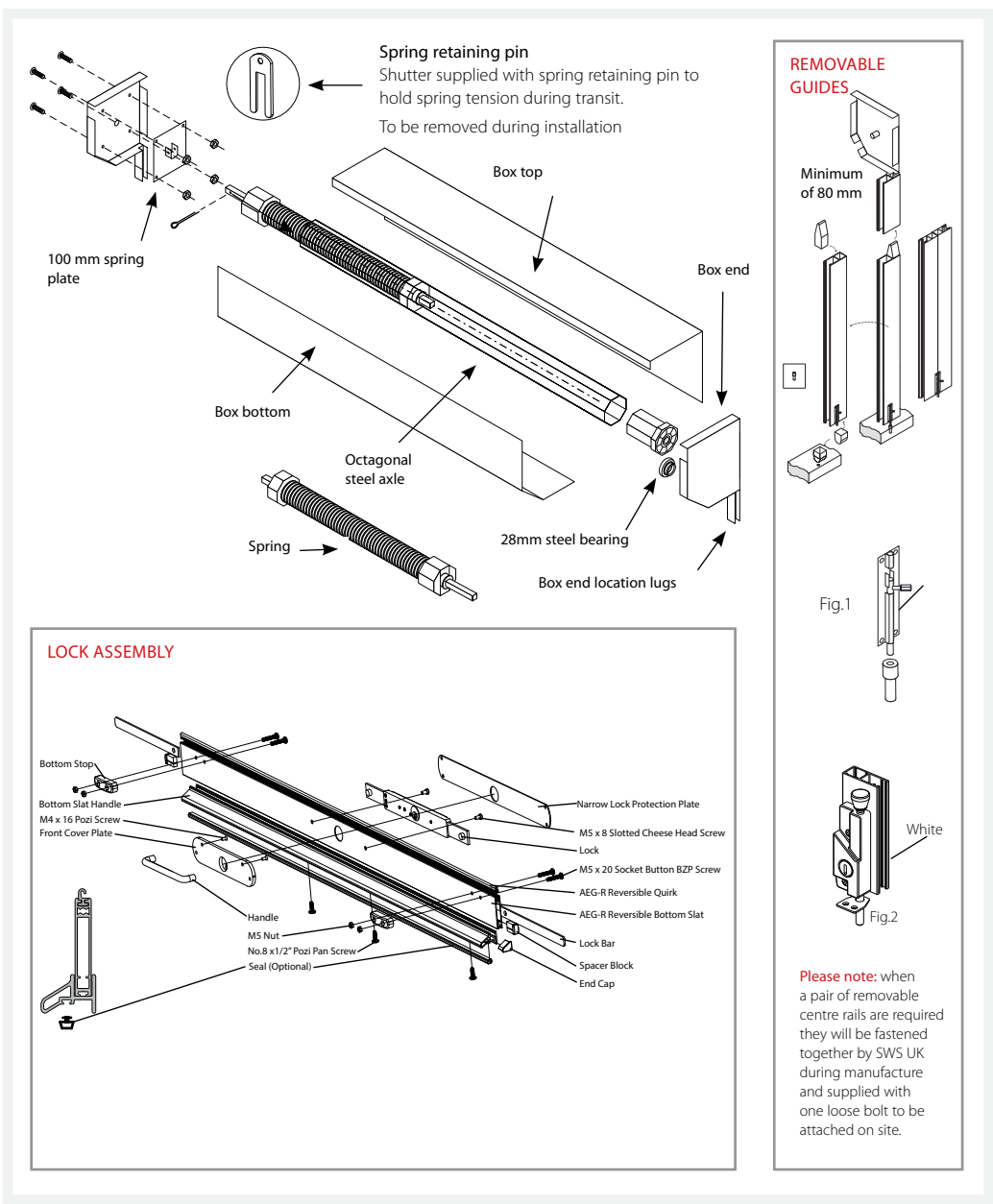


CRANK HANDLE ASSEMBLY

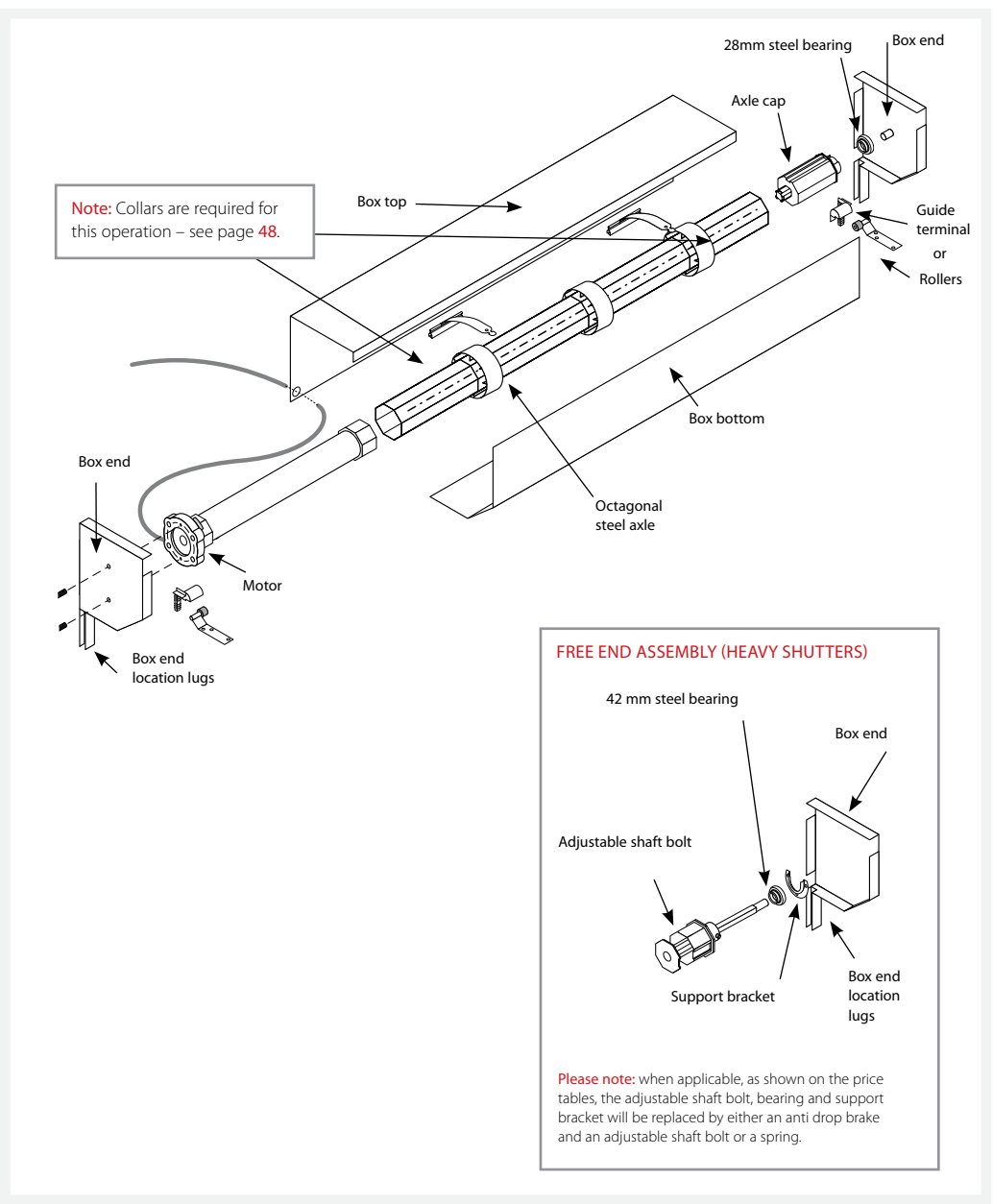


Shutter Standard Component Parts - SeceuroShield 150/T, SeceuroShield 38/60/77, SeceuroVision 38/800/900

Spring and Lock Operation



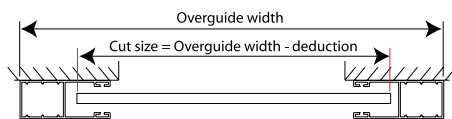
Electric Operation



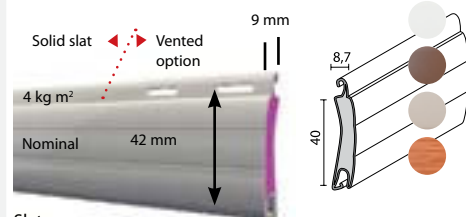
Components - Slats & Endlocks

Please note: ORDERING – when ordering any slats, bottom slats or ready made curtains, please provide us with the cut size of the part(s) required. If you provide us with an overguide width or an overendlock width you must make this very clear on your order. Curtain prices include endlocks and a bottom slat and the prices will not be reduced if end locks or the bottom slat is not required. If the bottom slat requires a bottom slat lock fitted, the bottom slat will need to be 10 mm longer than slat length (with the exception of SeceuroVision 900) and a surcharge of **£59.28** must be applied for supplying and fitting the lock.

Slat Cutting Size



SECEUROSHIELD 150/T



Slat

SeceuroShield 150/T uses a double skin foam filled aluminium slat, Spring and lock operated shutters are supplied non-vented as standard all other operations vented as standard but also available non-vented.

Stock lengths 6.5 metres

[YSL151T1 Vented / YSL150T1 Unvented](#) per metre **£5.00**

CURT CD150 Ready made curtain **£139.39/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a rubber seal fitted.

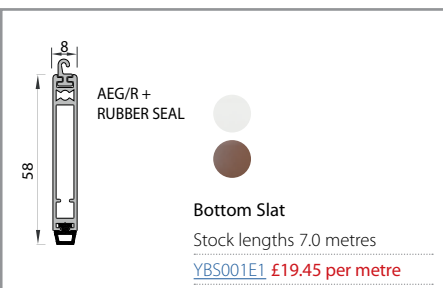
Deduction from overguide width

H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

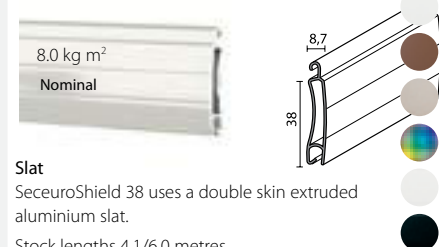
Endlocks

Fitted two per slat, every other slat. The endlocks are stapled in place. For on site repairs the endlocks can be rivetted in place using 3.2 x 4 mm rivets.

[EL400I0](#) Endlock **£0.92**



SECEUROSHIELD 38



Slat

SeceuroShield 38 uses a double skin extruded aluminium slat.

Stock lengths 4.1/6.0 metres

[YSL380S01](#) per metre **£9.12**

CURT CD38 PC Ready made curtain **£226.39/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard. Can be supplied with rubber seal in place of reinforcing angle as a no cost option.

Deduction from overguide width

H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

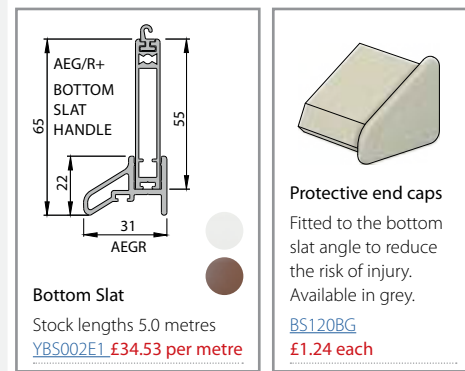
Fitted two per slat, every other slat. Slat is crimped to hold the endlock in place. For on site repairs the endlocks can be rivetted in place using 4 x 6 rivets.

[EL380I0](#) Endlock **£0.92 each**

Wind Endlocks (H40/S guide rails only)

Wind endlocks fitted in every gap between the standard endlocks for the first four gaps on each side. They are then fitted every fourth endlock gap up to 3/4 of the curtain height. The wind endlocks are rivetted in place using 3.2 x 4 mm rivets.

[EL381I0](#) Endlock **£1.51 each**



SECEUROVISION 38 PUNCHED



Slat

SeceuroVision 38 uses a single skin extruded aluminium slat. 44% Vision

Stock lengths 6.5 metres

[YSL382H1](#) per metre **£11.34**

CURT CD38 Punch Ready made curtain **£294.59/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

Deduction from overguide width

H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

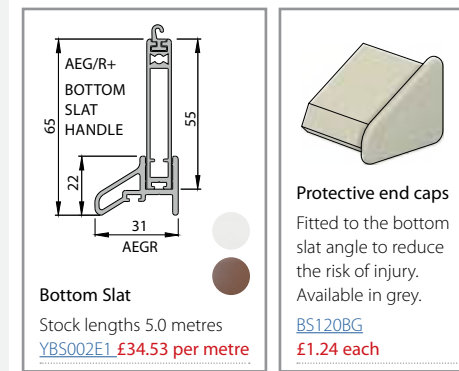
Fitted two per slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL385E0](#) Endlock **£0.90 each**

Glazing

Clear polycarbonate insert 1.0 mm thick 27 mm wide x 1250 mm long.

[YSL851E0](#) Glazing **£2.64/m**



SECEUROVISION 38 PERFORATED



Slat

SeceuroVision 38 uses a single skin extruded aluminium slat. 18% Vision

Stock lengths 6.5 metres

[YSL382H1](#) per metre **£11.01**

CURT CD38 PERF Ready made curtain **£294.58/m²**

Endlocked with AEG bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

Deduction from overguide width

H17	H25	H30	H40S	H34
70 mm	75 mm	75 mm	80 mm	90 mm

Endlocks

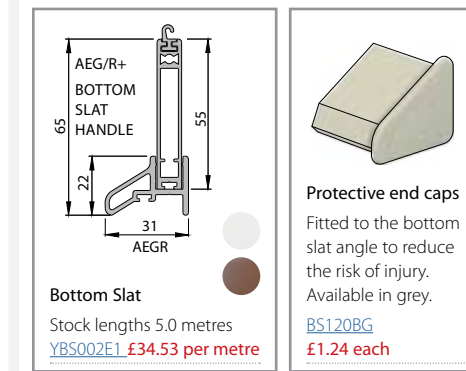
Fitted two per slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL385E0](#) Endlock **£0.87 each**


Glazing

Clear polycarbonate insert 1.0 mm thick 27 mm wide x 1250 mm long.

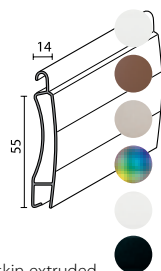
[YSL851E0](#) Glazing **£2.72/m**



Components - Slats & Endlocks

Please note: POWDER COATING – The prices shown on these pages are applicable for the colours listed for each profile on these pages. The extruded profiles marked  are also available in a range of colours listed in the stock colour range (see page 64) for a surcharge.

SECEUROSHIELD 60



Slat

SeceuroShield 60 uses a double skin extruded aluminium slat.

Stock lengths 4.1/5.2/6.0 metres

[YSL552E1](#) per metre **£15.73**

CURT CD60 PC Ready made curtain **£289.04/m²**

Endlocked with AEGX bottom slat attached. The bottom slat will have a reinforcing angle with protective cover caps fitted as standard.

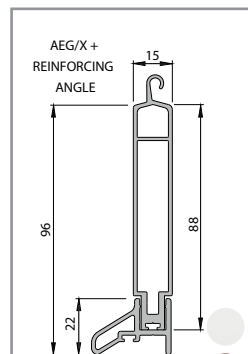
Deduction from overguide width

UPH140	UPH240	UPH250
75 mm	95 mm	105 mm

Endlocks

Fitted two per slat, every other slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

[EL600A0](#) Acra CD60 Endlock **£1.88 each**



Bottom Slat
Stock lengths 6.5 metres

[YBS003E1](#) **£48.09 per metre**

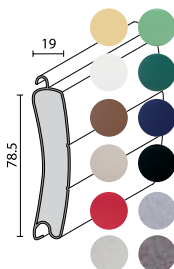


Protective end caps

Fitted to the bottom slat angle to reduce the risk of injury. Available in grey.

[BS120BG](#)
£1.24 each

SECEUROSHIELD 77



Slat

SeceuroShield 770 uses a double skin foam filled aluminium slat.

Stock lengths 5.5/7 metres

[YSL770A1](#) per metre **£14.38**

CURT CD77 PC Ready made curtain **£180.12/m²**

Endlocked with AEG/DW bottom slat attached. The bottom slat will have a rubber seal fitted.

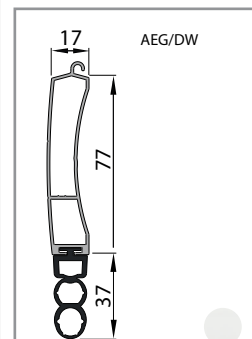
Deduction from overguide width

UPH250
100 mm

Endlocks

Fitted two per slat, every other slat. The endlocks are rivetted in place using 4 x 8 mm rivets.

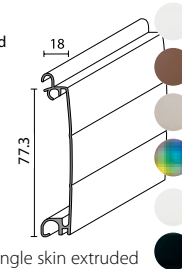
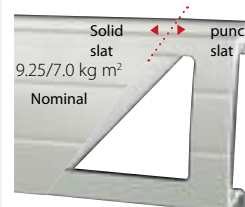
[EL770I0](#) [CD77 Endlock](#) **£1.24 each**



Bottom Slat
Stock lengths 7 metres

[YBS004E1](#) **£31.65 per metre**

SECEUROVISION/SHIELD 800



Slat

SeceuroVision/Shield 800 uses a single skin extruded aluminium slat. Solid Slat 9.25 kg m². Punched 7.0 kg m² 58.5% Vision

Stock lengths 7.0 metres

[YSL801E1](#) per metre **£24.68**

CURT CD800 PC Ready made curtain **£324.23/m²**

Endlocked with AEG/DW bottom slat attached. The bottom slat will have a rubber seal fitted.

Deduction from overguide width

UPH250
100 mm

Endlocks

Fitted two per slat, left and right handed profiles. The endlocks are screwed in place.

Screws supplied 8 x 1/2 inch pozi pan dome head self tapping.

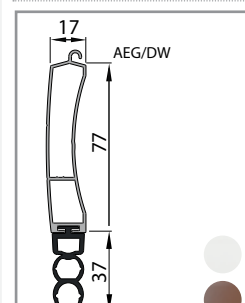
[EL800I0](#) [Left Endlock](#) **£2.46 each**

[EL800R0](#) [Right Endlock](#) **£2.46 each**

Glazing

Clear polycarbonate insert
1.5 mm thick 69.25 mm wide x 2050 mm long.

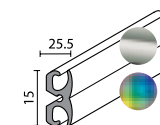
[YSL850E0](#) [Glazing](#) **£6.80 per metre**



Bottom Slat
Stock lengths 7 metres

[YBS004E1](#) **£31.65 per metre**

SECEUROVISION 900



Slat

Seceurovision 900 uses an extruded aluminium slat. 150 mm link spacing 6 Kg/sqm with 69% vision as standard or optional 75 mm link spacing 7 Kg/sqm with 55% vision (shown)

Stock lengths 6.0 metres

CURT CD900 Ready made curtain **£272.63/m²**

150 mm x 70 mm spacing

CURT CD900S Ready made curtain **£314.69/m²**

75 mm x 70 mm spacing

Endlocked with AEGX bottom slat attached. The bottom slat is extruded aluminium with reinforcing angle fitted with protective cover caps and no seal.

Deduction from overguide width

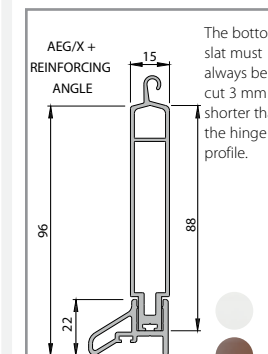
UPH140	UPH240	UPH250
74 mm	92 mm	105 mm

Endlocks

Fitted two per hinge bar. The endlocks are screwed in place. Consists of a washer and an 8 x 1/2 inch pozi pan flange headed self tapping screw.

[W117WS](#) [Screw](#) **£0.27 each**

[EL701S0](#) [Washer](#) **£2.46 each**



Bottom Slat
Stock lengths 6.5 metres

[YBS003E1](#) **£48.09 per metre**

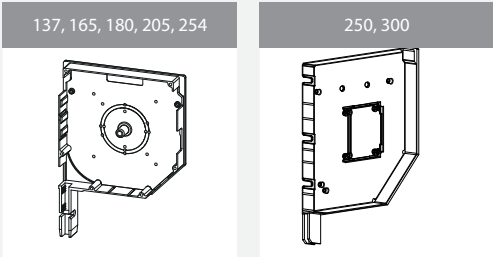


Protective end caps

Fitted to the bottom slat angle to reduce the risk of injury. Available in grey.

[BS120BG](#)
£1.24 each

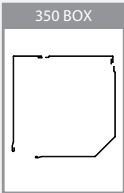
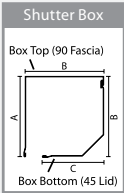
Components, End Plates & Shutter Box



Steel end plates are supplied as standard on all SeceuroShield 3801 shutters, on all shutters in excess of 75 kg in weight.
PLEASE NOTE ALL END PLATES AND BOXES LISTED ARE ALUMINIUM UNLESS STATED OTHERWISE.

End Plates		
Box Type	Price Per Pair	Code
137	£28.85	BX370E1
165	£28.27	BX650E1
180	£30.14	BX800E1
205	£35.72	BX050E1
254*	£70.17	BX540E1
250	£70.17	BX500E1
300	£85.49	BX000E1
350 (steel)	£126.58	BX350S0

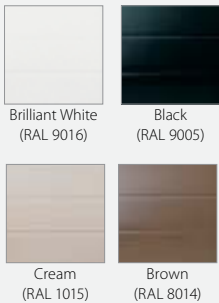
* Please note the 254 (small lug) end plates are for use with SeceuroShield CD150/T, SeceuroVision 38 and SeceuroShield 38 only (when the overall shutter height is greater than 2800 mm).



Box Type	Dimensions			Box Top		Box Bottom	
	A	B	C	Code	Per metre	Code	Per metre
137	137	142	105	YBX370T1	£25.04	YBX370B1	£19.07
165	169	165	125	YBX650T1	£28.77	YBX650B1	£21.89
180	183	180	147	YBX800T1	£36.55	YBX800B1	£29.49
205	210	205	171	YBX050T1	£43.81	YBX050B1	£34.37
250	256	250	205	YBX500T1	£56.30	YBX500B1	£52.93
300	312	300	258	YBX000T1	£72.77	YBX000B1	£58.98
350	348	350	235				
350 Box Options		Colour	Code	Price			
[1] 350 box 90 fascia		White	YBX350R1	£64.57			
		Brown	YBX350R2	£61.54			
[2] 350 box 45 lid		White	YBX350B1	£50.78			
		Brown	YBX350B2	£48.39			
[3] 350 box top		White	YBX350T1	£34.54			
		Brown	YBX350T2	£32.92			

Please note all box top and bottom profiles are stocked in 6 metre lengths.

STOCK COLOURS:
Boxes and end plates are available in Brilliant White, Brown, Cream and Black as standard. There is also a range of colours available for a surcharge, see page 64 for further details.



Guide Terminals & Rollers

	Shutter						
	150	38	3801	60	77	800	900
Small Guide Terminal Colour: White or Brown Code: YBX030A1 £3.59 per pair	✓						
Heavy Duty Guide Terminal Colour: White Code: BX040A1 £3.70 per pair		✓					
ER 30 mm Flat Plate Roller Left: BX060L0 Right: BX060R0 £25.79 each	Supplied with rollers when 250 mm end plates are required	Supplied with rollers when either 250 mm or steel end plates are required	✓		✓		
Belled Guides No charge		SeceuroVision 38 supplied with belled guide rails		✓		✓	✓

Counter Accessories

Removable guide rail Code: YACCS REMRAILS £102.23 per pair

Removable guide rail with lockable shoot bolts
Code: YACCS REMLOCK £168.34 per pair
See page 22 for further details of removable guide rails.

Nylon guide rail lug for the top of a removable guide rail
Large: [GU007H1](#)
Small: [GU007H3](#)
£8.91 each

Nylon guide rail skid for the base of a removable guide rail
Large: [GU007H2](#)
Small: [GU007H4](#)
£8.91 each

Chrome 57 mm shoot bolt for bar top recess
Code: [GU09000](#)
£12.33 each

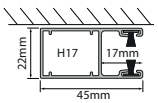
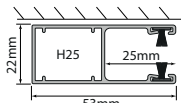
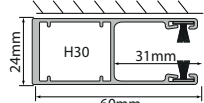
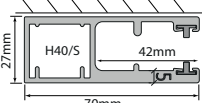
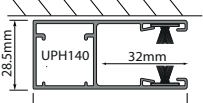
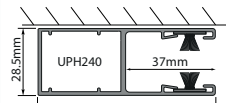
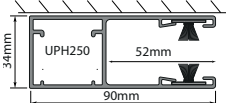
Lockable shoot bolt
White: [GU009H0](#)
Brown: [GU009B0](#)
£85.42 each

Dust cap/bar top recess
Code: [GU07000](#)
£16.69 each

Guide Rails




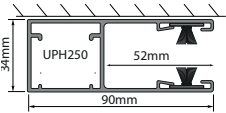
COLOURS: Guide rails are available in Brilliant White, Brown, Cream, Black or Mill (for powder coating) as standard. All guide rails are supplied with guide inserts fitted, unless full lengths are supplied or requested otherwise.



H17  Shutter Type: ■ Shield 150/T ■ Shield 38 Note: Cannot be used with vision slats. Code: YGU170B1 Stock Length: 6000 mm Each: £30.90 per m	H25  Shutter Type: ■ Shield 150/T ■ Shield 38 ■ Vision 38 Code: YGU250B1 Stock Length: 6500 mm Each: £20.05 per m	H30  Shutter Type: ■ Shield 150/T ■ Shield 38 ■ Vision 38 Code: YGU300B1 Stock Length: 6500 mm Each: £34.53 per m	H40/S  Shutter Type: ■ Shield 150/T ■ Shield 38 ■ Shield 3801 Code: YGU400B1 Stock Length: 6500 mm Each: £54.49 per m	UPH140  Shutter Type: ■ Shield 60 (205 mm box) ■ Vision 900 (205 mm box) Code: YGU404P1 Stock Length: 4600 mm Stock Length: 6000 mm Each: £45.36 per m	UPH240  Shutter Type: ■ Shield 60 (250/300/350 mm box) ■ Vision 900 (250/300/350 mm box) Code: YGU403P1 Stock Length: 6500 mm Each: £47.19 per m	UPH250  Shutter Type: ■ Shield 600(250/300/350 mm box) ■ Vision 900 (250/300/350 mm box) ■ Vision 800 ■ Shield 77 Code: YGU501A1 Stock Length: 4600 mm Stock Length: 5300 mm Each: £86.44 per m
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*Guide rails are also available in a range of RAL and BS colours, see page 64 for details (surcharge applies)

Inserts

 5 mm guide brush Code: YGU030B0 Stock Length: 1000 m Each: £1.00 per m H17, H25, H30, H34 & H40/S	 4 mm PVC brush PEB4 Code: YGU053P0 Stock Length: 6.5 m Each: £4.09 per m UPH140, UPH240, UPH250 (Shutter type SeceuroShield 77 SeceuroVision 800 require 4 mm inserts on both sides)	 7 mm PVC brush PEB7 Code: YGU054P0 Stock Length: 6.5 m Each: £5.52 per m UPH250 (Shutter type SeceuroShield 60 SeceuroVision 900 – see illustration right)	 NOTE: If the insert is supplied loose or the guide rails are reduced in length, you must ensure the insert is crimped in place before installing the guide rails to prevent the insert from moving within the guide rails.
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Cover Caps

13 mm cover caps are available to cover holes drilled for face fixing of guide rails.

Code: GU01 - - - Each: **£0.18 each**

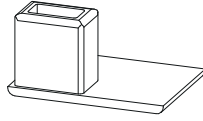
									
White 001	Brown 003	Green 00G	Black 00B	Grey 0GR	Cream 00C	Red 00R	Blue 0BL	Dark Grey 0GR	Heritage Green 0HG

FSA Guide Rail Bottom Plug

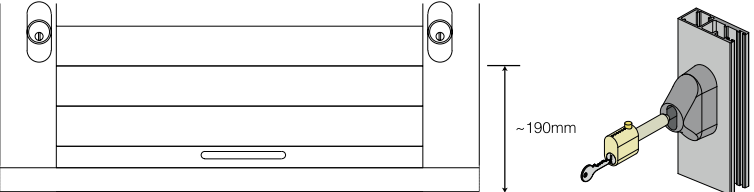
For use with H25 guide rails only (supplied as standard on a shutter with H25 guide rails)

Code: [GU04000](#) Each: **£2.46**

H30 Guide Feet
Code: [GU301B0](#) Each: **£20.39**



Bullet Locks

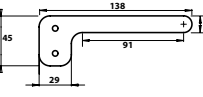


Tapped bullet lock housing for an aluminium guide rail:
Code: [GU090L0](#)
Each: **£18.54**

Bullet lock pin:
Code: [GU091L0](#)
Each: **£22.07**

(Only for use with H40/S & UPH250)
Prices shown are for the component parts supplied loose. If you require a price for the parts fitted please refer to the accessories section.

Guide Rail Stops



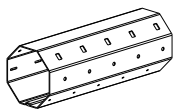
Optional L brackets, which when attached to the guide rails, enable the curtain of a spring loaded shutter to finish at a lower position of your choice, when the shutter is open.

Guide rail stop kit (1 pair of stops)
Code: [YBOTTOMSLATKIT](#)
Each: **£31.74**

Please note this optional extra is not available for H40/S guide rails.

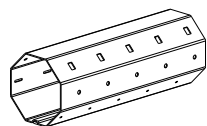
You must indicate the fixing position if you require the L brackets to be supplied attached to the guide rails.

Axle Assembly - Axles, Axle Caps, Brackets, Bearings & Collars



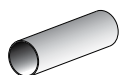
60/0.9 mm octagonal galvanised axle

Code: [YAX600R0](#)
Stock Length: 6500 mm
Price per m: **£11.69**



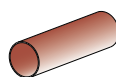
70/1.2 mm octagonal galvanised axle

Code: [YAX700R0](#)
Stock Length: 7000 mm
Price per m: **£15.93**



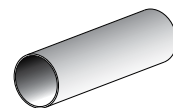
4" axle 16swg zinc coated (101.6 mm x 1.63 mm)

Code: [YAX130R0](#)
Stock Length: 6100 mm
Price per m: **£38.00**



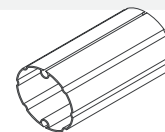
4" axle 10swg (red primed) plain finish (101.6 mm x 3.25 mm)

Code: [YAX130R1](#)
Stock Length: 6100 mm
Price per m: **£47.51**



5" axle 10swg plain finish (127 mm x 3.25 mm)

Code: [YAX131R0](#)
Stock Length: 6100 mm
Price per m: **£53.85**



100 mm steel fluted axle

Code: [YAX900R0](#)
Stock Length: 7 m & 5.2 m
Price per m: **£34.04**

4" 10swg with round discs dummy end for use with safety brake

Code: [SD200B0](#)
Each: **£51.69**

4" 16swg with round discs dummy end for use with safety brake

Code: [SD210B1](#)
Each: **£50.32**

5" 10swg with round discs dummy end for use with safety brake

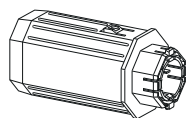
Code: [SD220B0](#)
Each: **£57.94**

60 mm adjustable shaft bolt for safety brake

Code: [SD230B0](#)
Each: **£19.04**

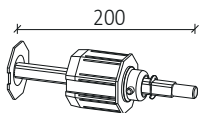
70 mm adjustable shaft bolt for safety brake

Code: [SD240B0](#)
Each: **£38.41**



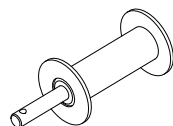
60 mm Mini Spring Axle Cap

Code: [AX606E0](#)
Each: **£3.71**
Max weight limit 40 kg



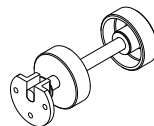
60 mm adjustable PVC shaft bolt

Code: [AX600S0](#)
Each: **£15.13**
Max weight limit 50 kg Secure with Jubilee clip for extra safety



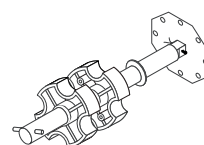
4" 16swg heavy duty plug end & bracket (101.6 mm x 1.63 mm)

Code: [MT136M1](#)
Each: **£100.55**



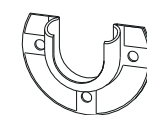
5" dummy end & bracket (127 mm x 3.25 mm)

Code: [MT137M1](#)
Each: **£76.35**



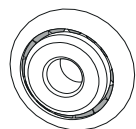
100 mm fluted axle dummy end

Code: [AX910A0](#)
Each: **£30.44**



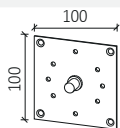
Support bracket 42 mm bearing

Code: [AX421B0](#)
Each: **£2.39**
Required to hold 42 mm bearing



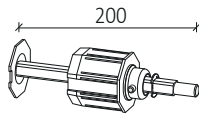
28 mm steel bearing

Code: [AX280B0](#)
Each: **£2.75**
Used with 60 mm axle cap



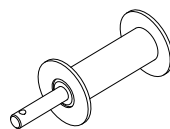
100 mm spigot plate

Code: [AX110P0](#)
Each: **£6.04**
Required for 28 mm bearing if there is no spigot on the end plate. Can also be used to mount an Ace gear



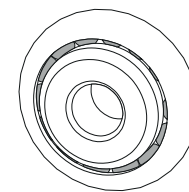
70 mm adjustable Aluminium shaft bolt

Code: [AX701S0](#)
Each: **£19.49**
Secure with Jubilee clip for extra safety



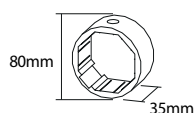
4" 10swg heavy duty plug end & bracket (101.6 mm x 3.25 mm)

Code: [MT137M2](#)
Each: **£34.00**



42 mm steel bearing

Code: [AX420B0](#)
Each: **£5.38**
Used with 60 mm and 70 mm adjustable shaft bolts



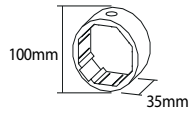
60/80 collar

Code: [AX600C0](#)
Each: **£3.46**
3 required per metre on 15 & 38



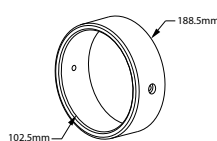
70/80 collar

Code: [AX700C0](#)
Each: **£10.33**
3 required per metre on 60



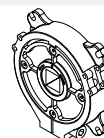
70/100 collar

Code: [AX701C0](#)
Each: **£3.46**
3 required per metre on 77, 80 & 900



100/118 collar

Code: [AX016E0](#)
Each: **£4.55**



Anti-drop brake RD80 (without limit switch)

Code: [SD150B0](#)
Each: **£160.96**
80 kg max weight

Please state on your order if you require the dummy end to suit an anti-drop brake and the type of axle it will be installed in. The dummy end will incur an additional charge.

Anti-drop brake RD150 (with limit switch)

Code: [SD160B0](#)
Each: **£230.10**
150 kg max weight

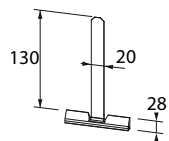
NOTES:

- Collars are required for belt operated and motorised shutters with 60 mm, 70 mm and 100 mm (4 inch) axles.
- All SeceuroShield 77, SeceuroVision 800 and 900 shutters require collars.
- Motorised SeceuroShield 60 shutters require collars.
- Motorised and belt operated SeceuroShield CD150/T and SeceuroShield 38 shutters require collars.
- Spring loaded SeceuroShield CD150/T, SeceuroShield 38 and 60 shutters DO NOT require collars.
- Rod crank operated shutters do not require collars.
- SeceuroShield 3801 shutters do not require collars.

Axle Assembly - Locking Springs, Belt & Rod Crank Drive Components

Lock Springs

For use with SeceuroShield 150, SeceuroShield 38, SeceuroVision 38

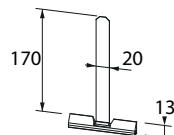


137/165 Locking Spring

Code: [AX370L0](#)

Box Type: 137/165

Each: **£2.67**

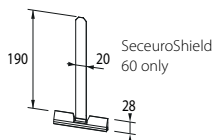


180/205 Locking Spring

Code: [AX800L0](#)

Box Type: 180/205

Each: **£2.75**

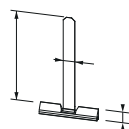


6000/5500 Locking Spring

Code: [AX500L0](#)

Box Type: 250/300

Each: **£5.23**



Shield 77 Locking Spring

Code: [AX770L0](#)

Box Type: 250/300

Each: **£5.23**

Locking springs are not required for SeceuroVision 800 or 900. Curtains are screwed to the axles using small sections of slat. All spring loaded, rod crank operated and SeceuroShield 3801 shutter curtains are attached directly to the axle using screws. Beware of damaging the motor with over-long screws.

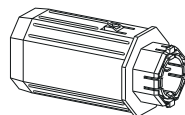
Belt Drive Components



14 mm grey belt

Code: [YBD14105](#)

Per metre: **£2.46**

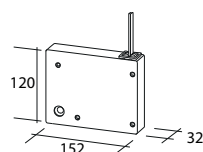


60 mm axle cap for drive wheel

Code: [AX601E0](#)

Each: **£2.32**

Requires a 28 mm steel bearing

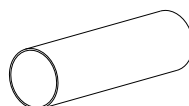


Geared belt winder

Code: [BD01000](#)

Each: **£40.71**

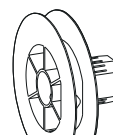
Belt and handle not included, lifting capacity 25 kg



White PVC Tube 3 m

Code: [BD05102](#)

Each: **£9.87**



Drive wheel

Size:

Code:

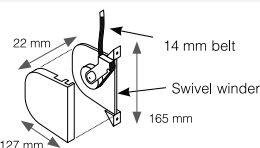
[125 mm/137 box](#) [BD12000](#)

[155 mm/165 box](#) [BD15000](#)

[170 mm/180 box](#) [BD17000](#)

[190 mm/205 box](#) [BD19000](#)

Each: **£6.18**



Medium white swivel winder

Code: [BD04001](#)

Each: **£22.21**

Belt not included, lifting capacity 15 kg

Handle for geared belt winder

Code: [BD02009](#)

Each: **£20.97**

Required for geared belt winder

Large belt roller with brush

Code: [BX010A1](#)

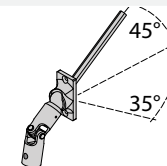
Each: **£3.65**

Small belt roller with brush

Code: [BX020A1](#)

Each: **£3.24**

Rod Crank Drive Components For Built-On Shutters



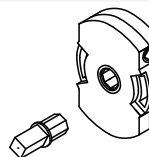
2 hole 45 degree joint only

Recommended exits = E, F

Hexagonal bar length = 480 mm

Code: [GD02003](#)

Each: **£23.78**



Ace gear with octagonal hole

Gear: Code: Each:

[1:8\(20 kg\)](#) [GD06001](#) **£44.40**

[1:11\(30 kg\)](#) [GD07001](#) **£44.40**

To suit crank handles with 7 mm A/F hexagonal bar. These gear drives are no longer available for use with 8 mm square bar. When replacing an existing unit check the bar on the winding handle, if it is square you will also need to order a replacement joint for the winding handle.

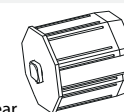
4 hole 90 degree joint only

Recommended exits = A, B

Hexagonal bar length = 480 mm

Code: [GD04103](#)

Each: **£37.00**



Zamac cap for gear

Axle:

Code:

Each:

[60 mm](#)

[AX600E0](#)

£8.05

2 hole 90 degree joint only

Recommended exits = A, B, D, H

Hexagonal bar length = 480 mm

Code: [GD04003](#)

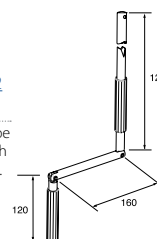
Each: **£34.54**

White crank handle

Code: [GD02002](#)

Each: **£28.37**

The aluminium tube enables easy length adjustment on site. Does not include joint - see above for joints.

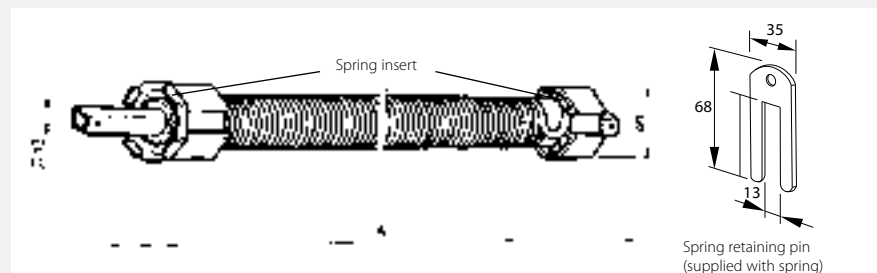


Spring Fittings

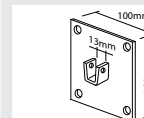
Description	Spring Length (A)	Max Lift Weight			Max No. Turns	Code	Price (£)
		60 mm AXLE	70 mm AXLE	100 mm AXLE			
No.0 60 mm spring	650 mm	15 kg	13 kg		13	SP60000	£65.38
No.1 60 mm spring	860 mm	24 kg	22 kg		13	SP60100	£76.50
No.2 60 mm spring	940 mm	34 kg	32 kg		12	SP60200	£83.88
No.3 70 mm spring	1130 mm	50 kg	45 kg	37.5 kg	12	SP70300	£101.16
No.4 70 mm spring	1270 mm		75 kg	62.5 kg	12	SP70400	£111.02
No.5 100 mm spring	1030 mm			83 kg	10	SP80300	£158.06

Description	Code	Price (£)
60 mm Octagonal spring insert A	SP60A00	£5.47
60 mm Octagonal spring insert B	SP60B00	£5.47
70 mm Octagonal spring insert A	SP70A00	£5.47
70 mm Octagonal spring insert B	SP70B00	£5.47
100 mm Fluted spring insert A	AX014E0	£11.36
100mm Fluted spring insert B	AX015E0	£11.36

For each spring you will require an A and a B insert.



PLEASE NOTE AS STANDARD ALL SPRINGS ARE SUPPLIED WITHOUT SPRING INSERTS AND THESE MUST BE ORDERED SEPARATELY.

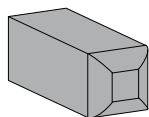


100 x 100 mm spring plate

Code: [AX120P0](#)

Each: **£5.57**

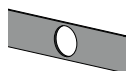
Bottom Slat Fittings



Spacer Block

Code: [BS173B0](#)

Cost: **£0.45 each**



Narrow Lock Protection Plate

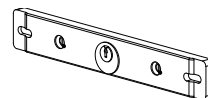
Code: [BS020L0](#)

Cost: **£8.14**

M5 x 20 Socket Button BZP screw

Code: [W1044WS](#)

Cost: **£0.19**



Key Lock

Code: [BS070L0](#)

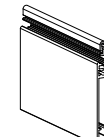
Cost: **£36.61**

Please note that specific key numbers will incur a longer lead time

No.8 x 1/2" Pozi Pan Screw

Code: [W118WS](#)

Cost: **£0.11**



AEG-R Reversible Bottom Slat & Quirk

Code: [YBS111E0](#)

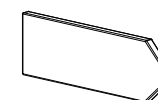
Cost: **£39.62**



Bottom Slat handle

Code: [YBS121H1](#)

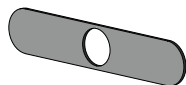
Cost: **£40.27**



Lock Bar

Code: [YBS130L1](#)

Cost: **£8.22**



Front cover plate

Code: [BS121L0](#)

Cost: **£12.29**



End Cap

Code: [BS174B0](#)

Cost: **£0.81 per pair**

M4 x 16 Pozi screw

Code: [W1032WS](#)

Cost: **£0.11**

M5 Nut

Code: [W1125WS](#)

Cost: **£0.11 each**

M5 x 8 Slotted Cheese Head Screw

Code: [W1041WS](#)

Cost: **£0.11**



Handle External Use (stainless steel)

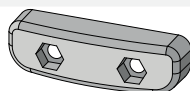
Code: [BS010H3](#)

Cost: **£27.20**

Handle Internal Use

Code: [BS010H2](#)

Cost: **£9.05**



Bottom Slat Stop

Code: [BS171B0](#)

Cost: **£1.10 each**

Blank Key

Code: [BS071L2](#)

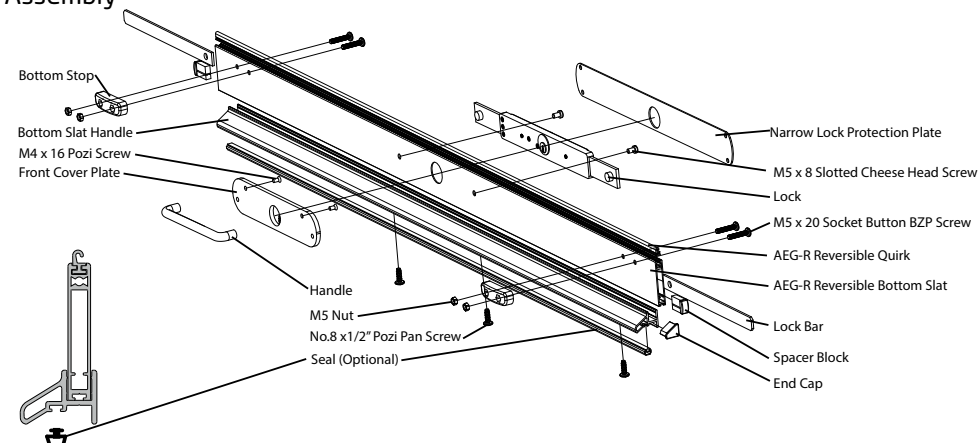
Cost: **£4.95**

Seal

Code: [YBS111I0](#)

Cost: **£2.63 p/m**

Lock Assembly



Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		<input type="checkbox"/> Normal delivery run: w/c <input type="text" value="DD"/> <input type="text" value="MM"/>				Customer/job ref.	
		Specific delivery date-POA	<input type="text" value="DD"/> <input type="text" value="MM"/> <input type="text" value="YY"/>			Quote ref.	FQ
Application (brief description)				POSTCODE		Prebook number.	

***Please note shutters installed on bar/servery areas and cabinets will be classified as door shutters.**

*Please note shutters installed on bar/servery areas and cabinets will be classified as door shutters.

[illegible]

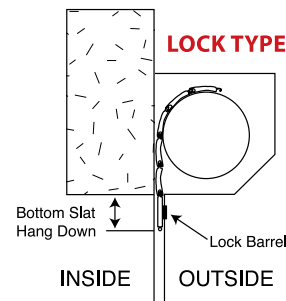
Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

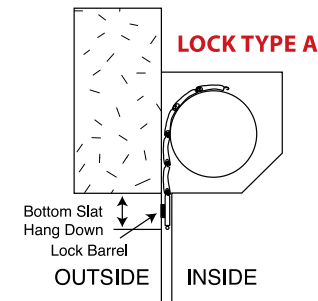
You must state in this special requirements section if any of the shutters on this order form will:

- Require an anti-fallback device (i.e. second spring or anti-dropbrake) as indicated on the appropriate price table
- Be installed out of sight of the control unit used to operate the shutter or controlled by impulse operation
- Cover a doorway which is the only point of exit or escape
- For advice on override handle selection please see pages 25 and 49 of the SeceuroShield Price List

EXTERNALLY FITTED (E)



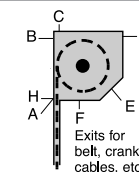
INTERNALLY FITTED (I)



NET PRICE £

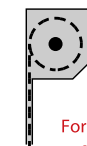
LOCKS		SOMFY MOTOR SURCHARGE	
Keyed alike?	YES/NO	£30 NET	YES/NO

EXIT (see column H)



If ordering a crank operated shutter or a shutter with manual override please state the type of crank / override handle required. *Please state in Special Requirements if shutter will cover a doorway which is the only point of exit or escape.

SIDE OF OPERATION (see column I)



For built-on shutters, the side of operation is viewed from the coil side.

For further clarification, please refer to SWS Online
or speak to Customer Services on 01524 772 400

FOR OFFICE USE ONLY:

ACCOUNT CODE		ORDER NUMBER						MNFG DATE	
TIME RECEIVED		D&T PLNG		METHOD	SWS/			DESPATCH DATE	
D&T PROCESSED		D&T FAXED		ROUTE	A B C D E F G H			DELIVERY DATE	

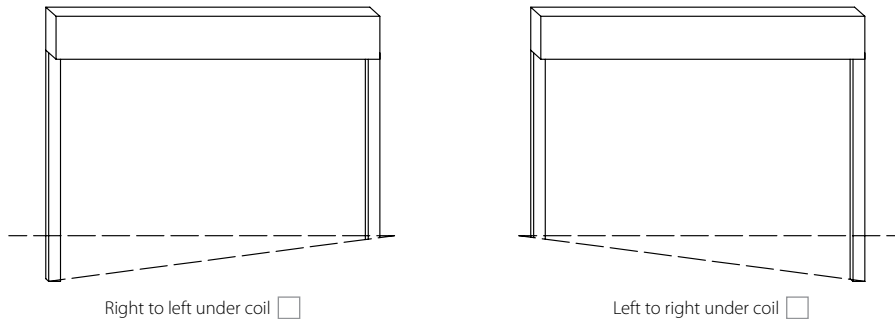
Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c		POSTCODE		Customer/job ref.	
						Prebook number.	

This order form must be used in addition to the standard shutter or SeceuroGlide order form when a sloping bottom slat is required. Please ensure that you answer all the questions on the form to prevent your order from being delayed.

Please note: This order form is accompanied by information in the right hand column detailing important surveying and ordering advice. Please tick this box to confirm that you have read this information. ☐

1. ITEM REFERENCE:	
Overall door width (mm) [max. 5000 mm wide]:	
2. PRODUCT TYPE:	
SeceuroGlide (AEG/X) <input type="checkbox"/>	SeceuroShield 60 (AEG/X) <input type="checkbox"/>
SeceuroGlide Compact (AEG) <input type="checkbox"/>	SeceuroShield 77 (AEG/X) <input type="checkbox"/>
SeceuroVision 800 (AEG/X) <input type="checkbox"/>	
SeceuroVision 900 (AEG/X) <input type="checkbox"/>	
3. GUIDE RAIL TYPE:	
UPH140 (compact only) <input type="checkbox"/>	H75 (available with SeceuroGlide only) <input type="checkbox"/>
UPH250 <input type="checkbox"/>	
4. BOTTOM SLAT COLOUR:	
Height difference (h) see diagrams below (mm):	

5. PLEASE SELECT THE PICTURE BELOW THAT SHOWS THE CORRECT SLOPE, ALWAYS VIEWED FACING THE COIL:



6. SLOPING BOTTOM SLAT TO BE SUPPLIED ATTACHED TO THE CURTAIN?	
YES <input type="checkbox"/>	NO <input type="checkbox"/> (tick as appropriate) will be supplied attached if not specified
7. WILL THIS DOOR BE CONTROLLED BY A REMOTE CONTROL?	
YES <input type="checkbox"/>	NO <input type="checkbox"/> (tick as appropriate)
Please note if a bottom slat transmitter is required it will have to be installed on the side with the shorter guide rail.	
8.	
<p>OUTSIDE <input type="checkbox"/></p>	<p>INSIDE <input type="checkbox"/></p>
Please tick the appropriate box to indicate how the door will be installed	

SLOPING BOTTOM SLATS

IMPORTANT INFORMATION REGARDING SURVEYING AND ORDERING

1. MUST BE ORDERED USING THE ORDER FORM

No orders will be accepted for sloping bottom slats unless they are ordered using the SWS UK sloping bottom slat order form. This will ensure you receive the product you require.

2. NO BOTTOM SLAT LOCKS

Unfortunately it is not possible for us to supply a sloping bottom slat with a bottom slat lock fitted.

3. RUBBER SEAL ONLY

All sloping bottom slats will be supplied with the rubber seal used on our SeceuroGlide range. We are unable to supply a sloping bottom slat with a bottom slat reinforcing handle.

4. NO WOODGRAIN FINISH AVAILABLE

We are unable to supply sloping bottom slats in any of our range of woodgrain finishes.

5. ONLY AEG/X BOTTOM SLAT

Unless supplied with a SeceuroGlide Compact a sloping bottom slat will always be constructed from an AEG/X bottom slat. Please note that this differs from the standard bottom slat supplied with SeceuroShield 77, SeceuroVision 800 and SeceuroGlide. A sloping bottom slat for a SeceuroGlide compact will be constructed from an AEG bottom slat.

6. LIMITED GUIDE RAILS

When a sloping bottom slat is required on a SeceuroShield 60 / 77 or a SeceuroVision 800 / 900 the shutter must have UPH250 (90 mm) guide rails. Please ensure that your survey has taken this into account.

- A SeceuroGlide requiring a sloping bottom slat can be supplied with either H75 or UPH250 guide rails.
- A SeceuroGlide Compact will always require UPH140 guide rails.

7. MAXIMUM WIDTH

The maximum width for a sloping bottom slat is 5000 mm, this is the overall door width including guide rails.

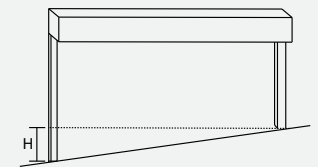
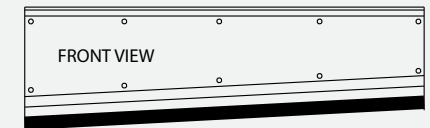
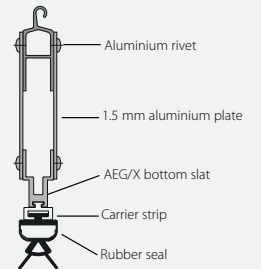
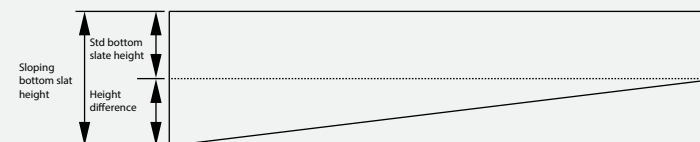
8. MAXIMUM HEIGHT DIFFERENCE (H)

The maximum height difference (H) the sloping bottom slat can accommodate is 250 mm.

When surveying you must ensure that the total height of the sloping bottom slat does not exceed the box end size for the door or you will struggle to load the curtain into the guide rails.

*To obtain the total height of the sloping bottom slat you need to add the standard height of an AEG/X bottom slat (95 mm) or the standard height of an AEG bottom slat (60 mm) to your height difference (H). **You must also ensure your customer is aware that when the door is fully open the sloping bottom slat will remain in the guide rails reducing the clear height available.**

*sloping bottom slat height = Height difference (H) + standard bottom slat height



Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c		POSTCODE		Customer/job ref.	
This order form must be used in addition to the standard shutter order form when removable guide rails are required. Please ensure that you answer all the questions on the form to prevent your order from being delayed.						Prebook number.	

Please note: This order form is accompanied by information in the right hand column detailing important surveying, ordering and installation advice. Please tick this box to confirm that you have read this information. ☐

1. GUIDE RAIL TYPE(S): (tick as appropriate)

H17 ☐ H25 ☐ H30 ☐ H40/S ☐

UPH140 ☐ UPH240 ☐ UPH250 ☐

2.

OUTSIDE ☐ INSIDE ☐

Please tick the appropriate box to indicate how the shutter will be installed

3. PLEASE SPECIFY THE LENGTH OF ALL OF THE FIXED SECTIONS OF GUIDE RAIL (mm).

– default dimension is 150 mm
– the minimum dimension is 80 mm

Shutter end plate

Fixed (top) section

150mm

4. PLEASE SELECT THE SHOOT BOLT TYPE(S) REQUIRED:

*Please note shutters from the SeceuroVision range should be ordered with the lockable option to maintain security

CHROME ☐ Non-lockable (default*)

WHITE OR DARK BROWN Lockable (surcharge) ☐

5. IF THE SHUTTERS ARE GOING TO STOP AT DIFFERENT HEIGHTS DO YOU WANT SWS UK TO SUPPLY THE STOPS?

YES ☐ NO ☐ (tick as appropriate)

(If you answer yes we will contact you to discuss this)

ARRANGEMENT 1

INSIDE / OUTSIDE* *delete as appropriate

Item ref. Fixed / Removable* Fixed / Removable* Fixed / Removable* Fixed / Removable*

ARRANGEMENT 2

Item ref. Fixed / Removable* Fixed / Removable* Fixed / Removable* Fixed / Removable*

INSIDE / OUTSIDE*

6. SHUTTER ARRANGEMENT:

Please use one of the typical arrangements shown (below left) or use the space provided to show how the shutters will be arranged. **You must clearly show which guide rails are fixed and which are removable and also which side is the inside and which side is the outside.**

CUSTOM ARRANGEMENT:

Shutter end plate

Fixed (top) section

150mm

REMOVABLE GUIDE RAILS

IMPORTANT INFORMATION REGARDING SURVEYING, ORDERING AND INSTALLING

1. MUST BE ORDERED USING THE ORDER FORM

No orders will be accepted for removable guide rails unless they are ordered using the SWS UK removable guide rail order form. This will ensure you receive the products you require.

2. SECEUROVISION SHUTTERS

Shutters from the SeceuroVision range should be ordered with the locking option in order to maintain security. This will be included by SWS automatically with the surcharge unless your order requests otherwise.

3. HOW WILL THEY BE SUPPLIED?

Removable (lower) section of the guide rail will be supplied with the locating lug, skid and bolt attached to the guide.

The fixed (top) section of guide rail will be supplied loose with the fixings required to attach it to the end plate. When attaching this section of guide rail ensure that the chamfered end of the guide rail is at the bottom.

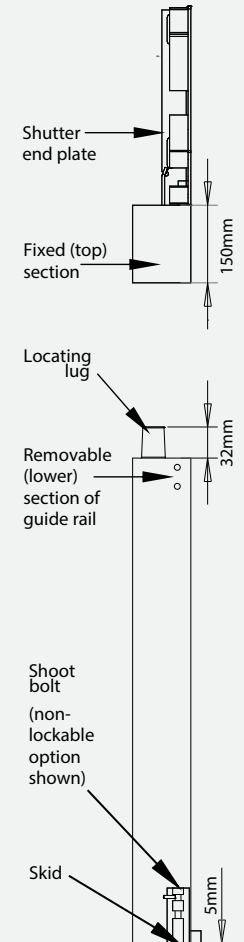
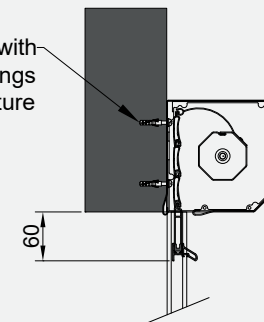
The dust caps (bar top recess) will be supplied with the top section of guide rail.

4. IMPORTANT INSTALLATION NOTE

It is imperative that the shutter end plates are securely fixed as the full weight of the shutter will be taken by these fixings.

End plates require at least 2 1/2 inch 10s or 12s twin threaded screws with brown rawl plugs.

Endplates secured with appropriate fixings to structure





Customer		Order date		Delivery address		Purchase order no.		
Order placed by (block capitals)		<input type="checkbox"/> Normal delivery run: w/c <div>DD</div> <div>MM</div>				Customer/job ref.		
Application (brief description)		Specific delivery date-POA <div>DD</div> <div>MM</div> <div>YY</div>				Quote ref.	FQ	
					POSTCODE		Prebook number.	
SECEUROGUARD								
SECEUROBAR				Drilling – Indicate: F=Face, R=Reveal, N=Undrilled				

Drilling – Indicate: F=Face, R=Reveal, N=Undrilled

[illegible]

Note:** viewed from inside *Note:** *Please ensure you complete the Hinge Aside order form (see page 57) **+Note:** Please specify here if you require the key to be on the outside (O) or inside (I) ***Note:** Please refer to pages 30-33 in the price list to determine which lock positions are available.

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

(Examples: bottom running, fixed panel, floating sash, face fixed bottom track, etc.)

NET PRICE		£	
KEYS			
Additional blank keys			
EXTRA HANDLES*			
Brass handle with rivets			
*Please note all gates are supplied with handles as standard.			
LOCKS			
Max of 50 gates keyed alike, 100 window bars			
Keyed alike?			YES/NO
Keyed alike? to previous order (gates only)			YES/NO

FOR OFFICE USE ONLY:

ACCOUNT CODE		ORDER NUMBER				MNFG DATE	
TIME RECEIVED		D&T PLNG		METHOD	SWS/	DESPATCH DATE	
D&T PROCESSED		D&T FAXED		ROUTE	A B C D E F G H	DELIVERY DATE	

ISSUE 1: JULY 2014



'X' Lattice

'S' Lattice



Company Name		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Application		POSTCODE		Customer/job ref.	
Item No.	Indicate the style of gate required on the diagram below			Lift up track is supplied as standard. Indicate here if you require a lift out piece instead:			
							Prebook number.

ARE YOU INSTALLING THE GATE INTERNALLY OR EXTERNALLY?

INTERNAL ☐ EXTERNAL ☐ (tick as appropriate)

PLEASE INDICATE HOW YOU ARE VIEWING THE GATE BY SELECTING AN OPTION BELOW:

(tick as appropriate)

DOUBLE GATE <input type="checkbox"/>	SINGLE LEFT GATE <input type="checkbox"/>	SINGLE RIGHT GATE <input type="checkbox"/>
<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Face Fix Right	<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Reveal Fix Left Face Fix Right	<input type="checkbox"/> Face Fix <input type="checkbox"/> Reveal Fix <input type="checkbox"/> Face Fix Left Reveal Fix Right <input type="checkbox"/> Reveal Fix Left Face Fix Right

Open Position

OPTION 1 ☐

OPTION 2 ☐

Customer		Order date		Delivery address			Purchase order no.	
Order placed by (block capitals)		Delivery w/c					Customer/job ref.	
Application (brief description)					POSTCODE		Quote ref.	FQ
							Prebook number.	

Drilling – Indicate: F=Face, R=Reveal, N=Undrilled

ITEM	QTY	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	COLOUR	BAR AND FRAME AND TYPE		DRILLING				EXTRAS			PRICE (£)
					20 mm SQUARE WITH 40 mm FRAME	16 mm ROUND WITH 30 mm FRAME	TOP	LEFT	RIGHT	BOTTOM	CUT OUT	LUGS	ZINC PRIMER	

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

FOR OFFICE USE ONLY:

ISSUE 1: JULY 2014

ACCOUNT CODE		ORDER NUMBER		METHOD	SWS/		MNFG DATE		LOAD DATE	
TIME RECEIVED		D&T PLNG		ROUTE	A B C D E F G H		DESPATCH DATE		DELIVERY DATE	
D&T PROCESSED		D&T FAXED								



Customer		Order date		Delivery address			Purchase order no.	
Order placed by (block capitals)		Delivery w/c					Customer/job ref.	
Application (brief description)					POSTCODE		Quote ref.	FQ
							Prebook number.	

Drilling – Indicate: F=Face, R=Reveal, N=Undrilled

ITEM	QTY	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	COLOUR	MESH PATTERN		FRAME		DRILLING				EXTRAS	PRICE (£)
					DIAMOND	SQUARE	25 mm FLAT	25 mm x 25 mm ANGLE	TOP	LEFT	RIGHT	BOTTOM	CUT OUT	

Measurements are in mm and denote overall sizes. The product will be manufactured to the sizes provided; no further deduction for tolerances will be applied. Exchange or return is not possible.

SPECIAL REQUIREMENTS

FOR OFFICE USE ONLY:

ISSUE 1: JULY 2014

ACCOUNT CODE		ORDER NUMBER					
TIME RECEIVED		D&T PLNG		METHOD	SWS/	MNFG DATE	
D&T PROCESSED		D&T FAXED		ROUTE	A B C D E F G H	DESPATCH DATE	
						LOAD DATE	
						DELIVERY DATE	



Xpanda
Deterrent Security Products

Component Parts / Xpanda Order Form

ORDER FORM Fax: **(01524) 772411**
Tel: **(01524) 772400**
London Tel: **(020) 8540 1717**
Email: **orders@swsuk.co.uk**

Customer		Order date		Delivery address		Purchase order no.	
Order placed by (block capitals)		Delivery w/c				Customer/job ref.	
					POSTCODE	Quote ref.	FQ
						Prebook number.	

STOCK CODE	DESCRIPTION	QUANTITY	PRICE	DISCOUNT

SPECIAL REQUIREMENTS



Notes

Guide to Purchasing Shutters

SURVEYING SHUTTERS

When performing a survey, the following steps will help to ensure that each shutter will fit the opening, and that the operation can also be installed comfortably.

GENERAL POINTS TO CONSIDER:

- Use the order forms as a guide during the survey to ensure you obtain all the relevant details during your visit to site.
- It is very important that you assess the requirements of your customer and each situation during the survey taking in to account the following points:
- Application / level of security required.
- Location and access (is this the only point of escape).
- Number of users who will be operating the product.
- Planning restrictions / requirements.
- Budget available.
- Aesthetics.
- It is the distributor's responsibility to ensure that a product is suitable for its intended application. If in doubt, please contact our trade sales department for advice.
- Will the shutter catch on anything that protrudes past the brick-line (i.e. handles)?
- If the window / door opens outwards, will it still open after the shutter is installed?
- Do not forget that the bottom slat will hang down at least 50 mm below the box.
- Has the shutter got a cill to close onto or will cill angle be required?
- Are the walls level both inside and outside?
- Always measure the top, middle and bottom within the window reveal.
- Ensure that there is sufficient room for the shutter box and guide rails.
- Decide which would be the best side for the operator to be on. If electrically operated this may be influenced by the availability of a suitable power supply.
- Make sure there is nothing which may prevent the sweep of a rod crank or geared belt during operation.
- Note the thickness of the walls, walls over 300 mm thick will require an extension bar for crank operated shutters or manual override handles.
- If the shutter is for a doorway is the floor level?
- Please refer to page 2, "Specials section," if you require a product with a specification which is not featured in this price list.

REVEAL INSTALLATION DETAILS

- Will the shutter be installed over a door or a window? (please see page 2 – "DOOR OR WINDOW")
- Ensure appropriate control method selected – see page 63.
- Measure both sides of the reveal to make sure the walls do not run in or out.
- Always work to the smaller size and check that you can still use the operator.
- For the height, measure from floor or cill to the underside of the opening and deduct a 5 mm for tolerance; this height will include your shutter box.

FACE INSTALLATION DETAILS

- When face fixing, is your operator hole going to damage anything on the inside of the house (e.g. power cables or sockets)?
- Take care to ensure that the width on the inside of the opening is not larger than the outside. If it is, work to the larger size to prevent the drilled hole breaking through the edge of the internal wall.
- For the height on Crank or Belt operated shutters, take the cill or floor to lintel measurement and add on the appropriate box size. Fitters will have to cut down the guides by approximately 30 mm on site to drill through for the operator below the lintel.
- For the height on Spring balanced or Electrically operated shutters simply take the cill or floor to lintel height and add on the box sizes and bottom rail projection size normally 50 mm.

PRICING SHUTTERS

Simply decide the type of shutter required, type of operation, appropriate box and guide rails and scale off the price list.

Below is a pricing example:

1 no. SeceuroShield CD150/T built-on security shutter in white, manual belt operation to be fitted around an opening size of 1350 mm wide x 1200 high.

1350 mm + 106 mm (i.e. 2 x 53 mm H25 guide rails)
= 1456 mm overall width

1200 mm + 165 mm box
= 1365 mm overall height

(increase height to allow for bottom slat hang down if desired)

The price band is 1500 mm (w) x 1400 mm (h) = **£496.41** excluding VAT, less discount, plus **£44.50** delivery if the total order value falls below **£400**.

SHUTTER ALTERATIONS

We appreciate that from time to time due to unforeseen circumstances it is may be necessary to alter the size of a shutter after it has been ordered. Once we have started manufacturing it, this can cause a considerable amount of additional work. Some or all of the components may have been cut. Moreover, all documentation including cutting sheets has to be recalled from the factory, a new set of paperwork issued and the work rescheduled. In view of this we make a minimum **£17.29** administration charge depending on what work has been completed. Please bear this in mind if your customer asks to make any changes.

On orders already delivered it is relatively simple to reduce a shutter's height. Increasing the height of a shutter is much more involved as it may necessitate replacing guide rails, axle, box, end plates etc. Reducing a shutter's width is again possible, but is best carried out in our factory.

RECOMMENDED MINIMUM FIXINGS

- Please note SWS UK does not supply fixings with any of the products featured in this price list.
- End plates and guide rails secured to masonry or wood must be fixed using at least 2 1/2" x 12s (steel countersunk hardened & zinc plated) with penny washers. When fixing to masonry a 7 mm hole is required in conjunction with a brown Rawl plugs. When fixing to steel use at least 1" x 12s self drilling / tapping screws (steel hardened & zinc plated)
- Every shutter box must be secured at 1 metre centres using at least 1 1/2" 10s (steel countersunk hardened & zinc plated) with penny washers.
- The above are the minimum requirements. Installation engineers must assess the structural integrity of the building material to be fixed to, combined with any environmental influences (strong winds) and the level of security required.
- It is always far preferable to use too many fixings than too few.

WIND LOADING

As of July 2013, to comply with the Construction Products Directive, all shutters which are manufactured for installation over door ways must be tested by a notified test body for their wind loading capability, as per BS EN 12424 and 12444. For doors fitted on to an external façade they must reach a minimum of Class 2. During testing both sides of the curtain must be tested. **CD150/T**: This product has been tested to BS EN 13659 and therefore should not be installed on the façade of a building. Alternative products for this application include the SeceuroShield 38 and the SeceuroShield 77.

SUMMARY OF WIND LOADING CLASSIFICATION:

Product	Conditions	Classification
SeceuroShield 38	H30 guides, up to 4 m wide	2
SeceuroShield 38	H30 guides, up to 3.5 m wide	3
SeceuroVision 38	H30 guides, up to 3 m wide	2
SeceuroShield 38	H40/S guides, up to 4 m wide	3
SeceuroShield 60	UPH250 guides, up to 5 m wide	3
SeceuroShield 60	UPH250 guides, up to 6 m wide	2
SeceuroShield 75	UPH250 guides, up to 6 m wide	2
SeceuroShield 77	Up to 4.8 m wide	3
SeceuroShield 77	Up to 5.4 m wide	2
SeceuroShield 800	Punched & glazed, up to 6 m wide	2

Wind Loading Classification	Pressure (pa)	Wind Speed (mph)	Beaufort Scale		
			No.	Description	Conditions
2	Above 460	59	10	Storm	Trees uprooted, considerable damage
3	Above 700	73	11	Violent Storm	Wide spread damage
4	Above 1000	88	12	Hurricane	Wide spread damage



Guide to purchasing Retractable Security Gates

SURVEYING RETRACTABLE SECURITY GATES

When performing a survey, the following steps will help to ensure that each gate will fit the opening. Wherever possible the following notes should be used in conjunction with a brochure.

GENERAL POINTS TO CONSIDER

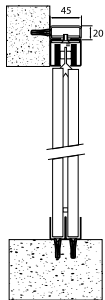
- We recommend that wherever possible retractable gates are fitted internally to enhance security and ease of operation.
- Where an external installation is desirable, the insurance approved SeceuroGuard 1001 is the most suitable option. We recommend that all externally fitted gates should be ordered in a dark colour as some corrosion will appear over a period.
- Always check what material has been used in the construction of the opening. This is essential when fitting an LPCB approved product. Fixing into plasterboard or Thermalite block is not acceptable.
- Please be mindful that SeceuroGuard gates weigh 19 kgs per square meter and as such require a very secure fixing for the top track. Although not an option on the LPCB approved SeceuroGuard 1001, it is possible to make SeceuroGuard 1000 bottom running to channel some of the weight through the bottom track.
- Will the gate catch on anything that protrudes from the window or surround (i.e. handles)?
- If the window / door opens inwards, will it still open after the gate is installed? If not a face fit installation may be appropriate.
- Are the walls level inside the opening? It is advisable to take a spirit level on surveys.
- Consider the size and side of the gate's sash or whether bi-parting is a better option.
- If fitting in or around a doorway, we recommend the use of folding or removable bottom tracks from a health and safety point of view.
- Where access is required at both side(s) of an opening, consider opting for a floating sash.
- Where fixed security is required, SeceuroGuard 1000 & 1001 can be manufactured as fixed panels. This option is particularly useful for protecting low height apertures.
- You must take into consideration during the survey that SeceuroGuard's which are different sizes, on the same elevation may contain different numbers of lattices and pickets. See the tables showing the changeover points on the following page.

REVEAL INSTALLATION DETAILS

- Will the gate's sashes obscure more of the window than a client is prepared to accept? If so a face fit installation may be appropriate.
- Always measure the top, middles and bottom within the window reveal.
- Always work to the smaller size and if appropriate use packers to ensure the gate is square in the aperture.
- For the height, measure from cill or floor to the underside of the opening and deduct a 5 mm for tolerance.

FACE INSTALLATION DETAILS

- When face fixing, is the wall flat? Look out for uneven plaster that might catch on the gate's sashes as they slide open. It is still possible to install a gate under these circumstances by packing it off the wall to achieve adequate clearance.
- When quoting please remember to add on the width of the gates sashes and add the cost of a fixing frame.
- A standard fixing frame kit comprises one 20 mm high 'C' section that comes attached to the top track. This is suitable for doorways – see illustration, right.
- When face fitting around a window, it is advisable to order an additional length of 'C' section that is attached to the bottom track in our factory. If you require this 'C' section for face fixing the bottom track you must specify this in the special requirements section of the order form.



PRICING RETRACTABLE SECURITY GATES

Firstly, decide on the level of security required i.e. standard SeceuroGuard 1000 or insurance industry (LPCB) approved SeceuroGuard 1001. Secondly, consider the type of installation, i.e. reveal or face fitted. Finally, any optional extras such as folding bottom tracks etc. Unlike some companies, we charge the same price for single or bi-parting sashes and for straight or decorative 'S' lattices.

Below is a pricing example:

1 no. Reveal fitted SeceuroGuard 1000 (single sash) in white, to suit a window reveal size of 1550 mm wide x 1150 mm high.
1550 mm (price band width = 1600 mm)
1150 mm (price band height = 1200 mm)

= **£627.90** excluding VAT, less distributor discount, plus **£44.50** for delivery if the total order value falls below **£400**.

PICKET QUANTITY CHANGEOVER

SINGLE SASH

GATE WIDTH	BUNCH QUANTITY
500	5
560	6
690	7
820	8
950	9
1080	10
1210	11
1340	12
1470	13
1600	14
1730	15
1860	16
1990	17
2120	18
2250	19
2380	20
2510	21
2640	22
2770	23
2900	24

DOUBLE SASH

GATE WIDTH	BUNCH QUANTITY
1000	5
1160	6
1420	7
1680	8
1940	9
2200	10
2460	11
2720	12
2980	13
3240	14
3500	15
3760	16
4020	17
4280	18
4540	19
4800	20
5060	21
5320	22
5580	23
5840	24

LATTICE INCREMENTS

GATE HEIGHT	NUMBER OF LATTICES
0 - 999	1
1000 - 1599	2
1600 - 2099	3
2100 - 2699	4
2700 - 3500	5

MANUFACTURING SIZES AND TOLERANCES

All products are manufactured to the sizes given on your order. It is therefore important that you make any deductions or additions which may be necessary before placing your order. Reveal Fitting – we normally recommend that 5 mm is deducted in total from both the width and height.

Face Fitting – If you are face fitting around an opening, which must be a clear opening, you should take into consideration the following:

WIDTH

- Bunch sizes, please refer to the bunch size charts provided (see pages 33.
- If you require folding tracks add 60 mm to the bunch size for each folding track.
- If you require the hinge aside option the bunch size should be increased by a further 30 mm per bunch.

HEIGHT

- Allow for the height of the top track and if applicable the height of the bottom track.
- If you are face fixing the top or bottom tracks you should allow an extra 20 mm for the fixing frame required. The manufacturing height you supply on your order should include this fixing frame where appropriate.

All dimensions must be supplied in millimetres. To convert from inches to millimetres multiply the dimension in inches by 25.4.

If you require assistance with converting from imperial to metric there is an imperial to metric calculator on the SWS UK website www.sws.co.uk

RETRACTABLE SECURITY GATE ALTERATIONS

Although not impossible it is very difficult to reduce a retractable gate in height. Increases in height are not possible, however there is the option to use a packer to bridge any gap. Like shutters, a gate's width cannot be increased but may be reduced, however please bear in mind that this will reduce the distance between pickets and therefore the level of vision.

For further information refer to the SeceuroGuard technical guide.

TERMINOLOGY

The following lists the preferred terminology applied to SeceuroGuard gates (in Bold) and alternatives which are also in common use:

SASH	Bunch / Stack / Hand
TOP TRACK	Top runner / Top Rail / Top Guide
FOLDING TRACK	Lift up / Hinge (should not be used -can be confused with the hinge aside option)
REMOVABLE TRACK	Lift Out / Lift Off
HINGE ASIDE	Hinging Sash / Swinging Sash / Fold Back
C-SIDE FIXING FRAME	C-Side / Reinforcing for Top Track / Strengthening for Top Track
REVEAL FIXED	Between Walls / Recess
FACE FIXED	Surface Mounted / Plant On
BI-PARTING	Double / Double Draw / Split
KEYED ALIKE	Suited / Same



Guide to Electrically Operated Shutters

QUICK GUIDE TO ELECTRICALLY OPERATED SHUTTERS, OPTIONS AND ACCESSORIES

Electric Motors are required on larger shutters and are optional on smaller shutters. Tubular motors fit inside the axle and operation is by push button momentary switch, key switch or remote control. A manual override can be specified to operate from inside. Where desirable a manual override can also be engaged through the outside of an externally fitted shutter box. Under these circumstances a lockable override cover is available as an optional extra to maximise security. Multi-shutter electric installations can be wired to operate from group switches using a group command only. Ask for further details. Care should be taken to ensure that such installations are in line with current Health and Safety legislation.

MOTOR CONNECTION

You will need to connect the motor to either a momentary switch or a control unit. Power should be supplied via a 13 amp switched fused spur or a 13 amp switched plug socket. It is suggested that the power is provided by an 'unprotected' fused spur as the motor on startup may trip the RCD on the main fuse board (if fitted). Plugs and spurs should be fitted with a 3 amp fuse. Ensure power is switched off before any electrical connections are attempted.

POWER REQUIREMENT

A Shutter up to 5 sqm/50 kg typically draws 1.1A/240W
A Shutter up to 10 sqm/100 kg typically draws 1.5A/320W

CE MARKING

All SWS shutters are compliant with the relevant standards:

- The supply of machinery (safety) regulations 1992.
- Construction Product Regulations (BSEN13241-1).

For further CE information see page 2.

All electrical installations must comply with the IEE wiring regulations (BS 7671) 17th edition (current). If in doubt consult a qualified electrician. It is the responsibility of the installer to CE mark electrically operated products – see page 2 for further details.

SAFETY FIRST

To comply with current health and safety legislation, the operator of an electrically operated shutter(s) must monitor the progress of the shutter(s) throughout operation. If this is not possible a safety device must be fitted to stop an obstructed shutter during operation. Alternatively, an audible and visual warning must precede the operation of the shutter(s) on each elevation of the building where a shutter is installed.

Due to risks associated with unattended open roller grilles (SeceuroVision 900) and shutters (unglazed SeceuroVision 38 & 800) we do not recommend the use of remote control systems even when fitted with dual photo cells. Under these circumstances a hold-to-run switch should be used in full sight of the product. Alternatively, consider using a fully glazed version of SeceuroVision 38 & 800.

MOTORS

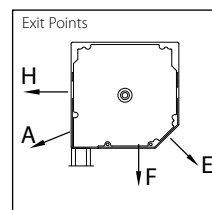
SeceuroDrive motors are a new generation of motors designed for the professional installer. These motors incorporate several design features, which make installation a quick and trouble free operation.

All SeceuroDrive motors feature:

- Twist limits
- Clip-on drive adapters
- Multiple mounting positions of motor head
- Wide crown wheel for improved tube fit
- Supply cable via removable connector



MANUAL OVERRIDE SHUTTERS



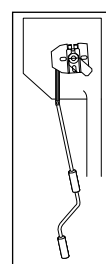
Not all exit options will be possible on certain shutters.

If a manual override is required for use in the event of power failure this must be specified at the time of ordering. There is a choice of technical solutions for the handle mechanism which operates the override, principally dependent upon whether the shutter is installed internally or externally and whether the override is to operate from inside or outside the building. Override locks and the low level external override are available at a surcharge. All specifications refer to a 205 mm box or larger. As standard, the low level external override can now be operated from both the inside and outside.

USE OF MANUAL OVERRIDE SHUTTERS

Clear instruction must be given to users on the manual override winding direction to raise the shutter. Winding the shutter downwards beyond the normal stop point will damage the shutter. To help avoid this we supply a swing ticket.

EXTERNALLY FITTED SHUTTER WITH EXTERNAL OVERRIDE



A removable 45° joint crank handle is inserted into the motor. The exit hole is filled with an 18 mm cover cap or an optional lockable override cover. Only available on shutter box exit 'E'.



EXTERNALLY FITTED SHUTTER WITH INTERNAL OVERRIDE

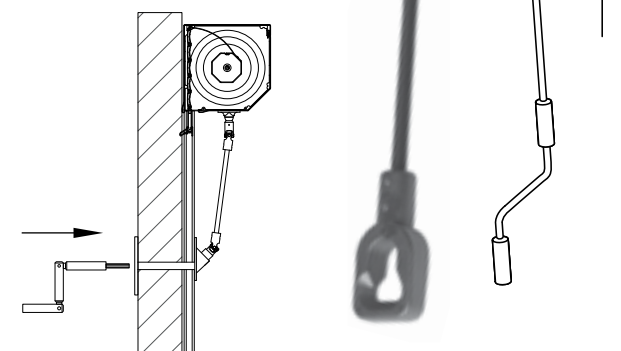
A permanently installed internal 90° handle, exit A or H can often be specified subject to final survey and dependent on the construction of the building specification.

INTERNALLY FITTED SHUTTER WITH INTERNAL OVERRIDE

A fixed eye can be supplied at shutter box exit 'F' with a removable hooked handle of 1100 mm as standard. Alternatively a fixed 45° joint crank handle can be supplied at box exit 'E' or 'F'.

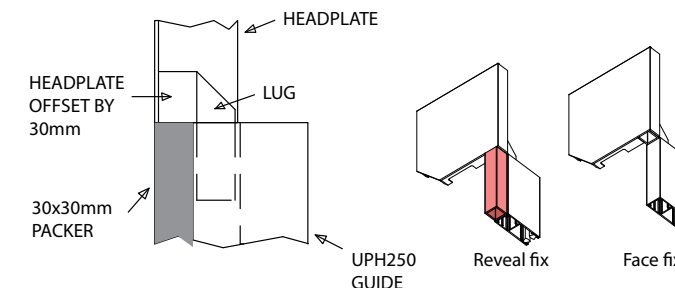
INTERNALLY FITTED SHUTTER WITH EXTERNAL OVERRIDE

The low level external override (exit F) is operated by unlocking the override cover plate and inserting the winding handle. As standard the low level external override can now be operated from both the inside and outside.



MOTOR BOX EXTENSION

A box extension is required on built-on SeceuroShield 60 shutters when; **SeceuroDrive**: curtain weight exceeds 149 kg on a 4" axle and when a 5" axle is needed, **Somfy**: when the curtain weight exceeds 172 kg on a 4" axle and 134 kg on a 5" axle. The projection is just 30 mm for face fixed shutters. If the shutter is reveal fixed the gap is made up using a 30 mm packer, as shown in the illustration. The overall width used when pricing and ordering shutters with box extensions is the overguide width (not including the box extension or 30 mm packer). If you are in any doubt please contact your trade sales Account Manager.



Guide to Electrically Operated Shutters

CONTROL EQUIPMENT SELECTION FOR SHUTTERS FITTED OVER DOORWAYS



As standard all electrically operated shutters will be supplied with an Inis Uno single pole hold to run switch. It is your responsibility to determine the appropriate control equipment for each application and notify us in writing on your order if you require non standard control equipment. This selection must take into account the minimum levels of safeguarding required for the bottom slat (main edge) and also the quantity of shutters being operated. The table below summarises the minimum levels of safeguarding for doorways and serveries, please note this is our interpretation of BS EN 12453:2000 Clause 5.5.1.

BS EN 12453:2000 CLAUSE 5.5.1

The minimum levels of safeguarding of the main edge are listed in the table below:

Type of door activation	Types of use		
	Trained users (no public)	Trained users (public)	Untrained users
Hold to run control	Hold to run	Hold to run switch key switch or similar	not possible
Impulse activation in sight of door (impulse switch)	Safety edge	Safety edge	Safety edge & PEC*
Impulse activation out of sight of door (remote control)	Safety edge & PEC*	Safety edge	Safety edge & PEC*
Automatic control (Time clock / auto clock)	Safety edge & PEC*	Safety edge & PEC*	Safety edge & PEC*

*PEC = Photo Electric Cell (safety photo cell)

EXAMPLES:

- Trained users (no public) – Domestic garage doors, Private offices
- Trained users (public) – Domestic garage doors opening directly on to public, Shop shutters
- Untrained users – Large corporate companies, schools, public buildings, multi-users where training can not be guaranteed

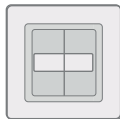
HOLD TO RUN CONTROLS

SWITCHES

The Inis Uno and Inis Duo are for controlling either one or two shutters respectively. As standard all switches will be supplied with a back box for surface mounting but an alternative flush mounting back box can be requested.



Inis Uno single control



Inis Uno double control



Surface mount box

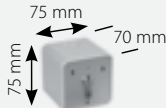


Flush mount box (optional)

KEY SWITCHES

Key switches provide a more secure hold to run control method. They are available as either single or dual pole for controlling either one or two shutters respectively.

Two way single pole momentary and dual pole momentary key switches are available as an option for security controlled operation.



WIRING DIAGRAMS

Wiring diagrams for many of our switches and control units are available. Please contact Customer Service for further details.

PROMATE

ProMate is a dedicated control unit designed for single phase tubular motors.

KEY FEATURES:

- Low carbon footprint <0.5 watts.
- Designed for installers without electrical qualifications.
- Dynamic user interface, simple and easy to understand.
- Plug and play battery back-up (optional).
- Compliant to 13241-1.
- Touch safe voltages for all inputs.



Colours & Powder Coating

INTRODUCTION

Polyester powder coating is a surface finish applied to shutters and retractable gates in a solid, powder form after careful pre-treatment of the surface. The coating is fused by heat to produce a continuous film and curing of the coating gives its design properties. The result is a high performance finish that delivers exceptional corrosion protection, durability and resistance to yellowing making it suitable for both interior and exterior use. The process is virtually emission free, so is environmentally friendly.

FEATURES

- Typically 60-80 Microns coating thickness
- Excellent corrosion protection
- Superior colour stability
- Tough yet highly flexible

Extruded profiles and the aluminium shutter box profiles are powder coated in a satin finish (unless stated otherwise).

GLOSS LEVELS

Gloss (80% +/-5%): A highly reflective smooth surface. Gloss surfaces due to their highly reflective appearance tend to highlight surface imperfections.

Satin (65% +/-5%): A satin finish is not as reflective as the gloss finish and because of this is less likely to show any surface imperfections. Satin finishes also provide a good surface for cleaning and resisting abrasion. Unless stated otherwise this is the standard finish supplied.

Matt (30% +/-5%): A matt finish due to the low gloss level is very good at concealing surface imperfections. Due to the textured finish the surface is more difficult to clean than a surface with a higher gloss level.

TOUCH-UP PAINT

For repairing minor blemishes to the finish surface touch-up paint is available

Touch-up paint pot (25 ml) Code: PC501AO PRICE: £7.35

NOTES:

All colours are supplied in Satin as standard, Matt & Gloss are available.

Bands Standard, A and B are available on gates as standard.

Other RAL and BS colours are available, please contact your Account Manager for further details.

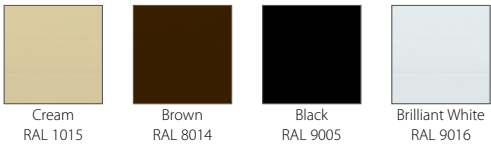
There is a minimum powder coating charge of £87.83 net.

Please note: We cannot powder coat SecuroShield CD150/T. We cannot powder coat components under 150 mm.



To see the full colour bands with the full range available visit www.sws.co.uk/ral-colour-chart

STANDARD COLOURS – FOC



BAND A – £45.82 PER m²

For complete shutter (or curtain) using a colour listed in the band below.



BAND B – £58.55 m²



BAND C – £71.27 m²



PRICES FOR BOXES AND GUIDES FOR EACH BAND:	STD	A	B	C	D
Minimum powder coating charge		£85.27			
205 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£29.77	£38.17	£44.35	POA
Guide rails and bottom slat to go with above	FOC	£7.74	£9.94	£12.15	POA
250 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£41.45	£53.17	£64.88	POA
Guide rails and bottom slat to go with above	FOC	£8.51	£10.90	£13.30	POA
300 mm or smaller box and end plates (used if curtain does not require powder coating)	FOC	£47.86	£61.36	£74.84	POA
Guide rails and bottom slat to go with above	FOC	£9.59	£12.26	£14.95	POA

Delivery, Packing & Warranties

DELIVERY SERVICE

Our standard delivery service covers England and Wales weekly, Scotland and Ireland fortnightly.

Pricing includes delivery on all orders over **£450** on our standard weekly service to England and Wales. Additional chargeable deliveries can often be arranged with your Internal Account Manager. We also offer home/site delivery service options with one or two men depending on the size of delivery and site conditions.

Delivery confirmations for our own dedicated service will be emailed or texted the previous afternoon if AM or PM the following working day. Please ensure an email address and/or mobile number is supplied on your order.

DELIVERY CHARGES

Over £450 net on standard run	Nil
Under £450 net on standard run	£48.50
All orders required on a different day to standard delivery run	POA
Collection from distribution depot	Nil
Pre agreed time slot for standard deliveries	POA
Site delivery charge one man offload	£71.00 extra
Site delivery charge two man offload	£116.50 extra
Redelivery of goods	£44.50 extra
Deliveries to Scotland	£42.50 per drop
Deliveries to Ireland	POA
Carrier Services	Price £
Component items up to 5 kg (Including singular tube motors)	£14.47
Component items up to 20 kg	£36.00
Delivery & packaging of fragile items over 20 kg	£78.38
Pre 10.30 am	£45.15 extra
Pre noon	£33.29 extra
Saturday pre noon	£55.97 extra

Additional surcharges apply on the following:

Northern Ireland	£85.00
Isle of Man, Channel Islands & Scottish off shore	£105.00
Isle of Wight, Grampian & Highlands	£40.00
Devon & Cornwall	£15.55
Central London	£4.00

*orders over **6.8 m** or are comprised of more than **5 industrial doors** will require specific pricing and delivery arrangements

Next day palletised deliveries are available:

Sizes are: 1.2, 2.4, 3.6 & 4.8 m. Please allow 200 mm for packaging. Palletised deliveries over 3.6 m are only available on a 3 day run. Prices are available from your Account Manager. Due to delays we are unable to deliver to shipping companies located near shipping ports.

LOCAL COLLECTIONS

For urgent orders in certain areas of the country, collection is possible from our 3 distribution depots (must be collected within 24 hours):

South (Heathrow)

Units 2, 3 & 4, Lakeside Industrial Estate, Lakeside Road, Colnbrook SL3 0ED

Midlands (Willenhall)

DX Freight, Unit 1 Bays 1, 2, 3 East Acre, Off Long Acre, Willenhall WV13 2JZ

Bristol

Jupiter Road, Patchway, Bristol BS34 5BW

COMPONENT ORDERS

All small component orders required next day **must be received by 2 pm the day before** delivery. Orders placed on a Friday **must be received by 12 noon for delivery on Monday**.

If you require powder-coated items, please allow an additional 24 hours at least from the receipt of order. Items for assembly need to be booked in for manufacturing – for example complete shutter curtains. Please allow a minimum of three working days depending on the delivery method.

Regrettably it is not possible to send items over 5 m in length by overnight carriers.

IMPORTANT DELIVERY NOTE

The most cost effective and safest way of delivering orders is via our own transport. Please try to tie orders in with your normal delivery runs wherever possible.

In the event of using a carrier, we need to use reinforced packaging.

CRATE CHARGES

We can offer delivery by crate on a POA basis. Please speak to your Account Manager.

PACKAGING

Over recent years we have refined our use of packaging to reduce the likelihood of goods being damaged in transit.

- Shutter boxes are packed individually using bubble wrap and / or cardboard.
- Curtains / guide rails are packaged using bubble wrap and / or cardboard.
- Aluminium packers are typically packaged with guide rails on the same order.
- Where overnight carriers are used, curtains and guide rails are also wrapped in bubble wrap and cardboard.
- With the exception of spring operation, shutters are supplied with an accessory box containing: switches, swivel belts, crank handles, keys and installation documentation as appropriate.
- Cardboard boxes are secured using nylon banding for ease of opening. These must not be used as a handle for lifting.
- Water resistant film can be added to cardboard packages at additional cost.

- Retractable security gate sashes and tracks are packaged separately in several layers of bubble wrap.
- Keys for retractable gates are packaged in a bright yellow Jiffy bag attached to the end of the sash.

DELIVERY CHECK-LIST

A. Pre-delivery

- A postcode must be supplied for all delivery addresses.
- We currently operate a range of delivery vehicles. It is therefore important to check the lorry's dimensions when arranging a delivery for the first time.
- If you require a delivery to site you must supply us with a contact name and a contact telephone number of the person who will assist the driver to unload.

B. Receipt of goods – own premises

- We require a person to assist off-load, check and sign for goods.
- For large deliveries, please ensure you have several people to assist, this will minimise any delays for subsequent customers.
- Deliveries received must be checked before signing the delivery note. It is not possible to claim compensation for damaged or missing items unless highlighted on the drivers delivery notes. If possible take a copy of this documentation for future reference.

C. Receipt of goods – to site

- Deliveries will only be made to site if an installer is present to assist the driver with unloading and to check and sign for the goods.
- For large deliveries, please ensure you have several people to assist, this will minimise any delays for subsequent customers.
- Before the goods arrive, please prepare a location to unload and store the items safely and securely.
- Deliveries received by overnight carrier must be checked before signing the delivery note. It is not possible to claim compensation for damaged or missing items unless highlighted on the drivers delivery notes. If possible take a copy of this documentation for future reference

D. Claims for damages

- Please check the contents of your order against the delivery note on the day received. Care should be taken when using sharp objects to cut through the packaging.
- Claims for missing or damaged items will only be processed if the drivers delivery note has been signed for as damaged or missing and must be reported within 2 days of delivery.

IF YOU SUSPECT DAMAGE Please fully inspect the product prior to signing. If the product is damage, clearly state "DAMAGED" when signing the consignment note. Signing as "Unchecked" is insufficient.

WARRANTIES

SeceuroShield products are guaranteed against defect of material or workmanship by SWS UK, subject to the correct installation, maintenance and operation for a period of 2 years from the date of purchase.

In addition the Somfy motors used on the shutter range are guaranteed for 5 years against faulty materials and workmanship.

Where a warranty is upheld, SWS UK will supply all necessary parts to enable distributors / installers to complete a satisfactory repair. The warranty terms do not extend to cover labour and consequential loss arising from any claim.

RETURN & REPLACEMENT PARTS

Occasionally it may be necessary to return an item to us. Please contact your Account Manager for an NCR number and ensure that the product is packed appropriately and clearly labelled with the number given.

The return goods note is a two part document, there is a copy for you to retain and a copy to be sent back with the goods. If the goods are being returned by post, please send this for the attention of the Quality Department with the returns note. Should you require the goods to be collected by SWS UK, please contact your Account Manager to arrange this. Collections by SWS UK will be made within 10 working days of notification in most cases.

Replacement parts

Before requesting any replacement parts, please ensure that a Damage Identification Sheet is completed and returned to customerservicesfaxes@swsuk.co.uk along with a photograph. Your parts will then be despatched by the most effect method of transport. If you have any queries, please contact your Internal Account Manager.

CONDITIONS OF SALE

All goods are offered for sale in accordance with our standard conditions of sale, a copy of which is available on request, and is reproduced on our web site www.sws.co.uk.



Contact Us

HOW TO ORDER

By fax 01524 772411 (orders only)
Online <https://online.swsuk.co.uk>
By email orders@swsuk.co.uk, or for **London**, London.orders@swsuk.co.uk
By post SWS UK, Hornby Road, Cloughton Lancaster LA2 9LA

Please photocopy the order forms provided within this price list, additional copies are available on request

SPECIAL REQUIREMENTS

If you cannot find the product that you require in our price list please call our customer services department and we will endeavour to help you.

CUSTOMER SERVICES TEAM

01524 772416
01524 772401

SALES TEAM

01524 772402
01524 772404
01524 772409
01524 772417

TECHNICAL TEAM

01524 772423
01524 772426

OTHER USEFUL CONTACTS AND NUMBERS

Marketing Department	01524 772413
Remedials Department	01524 772423
Accounts Department	01524 772418
Accounts Department Fax	01524 772412
General Fax	01524 772411

OFFICE HOURS

Over the years we have tried to align our opening hours with the preferences of our customers. Starting early is intended to enable customers to resolve any issues before starting their day's work.

Monday to Thursday	8.15 am to 5.00 pm
Friday	8.15 am to 3.45 pm
Out of hours site technical queries	07779 314226

To help improve our levels of customer service and to assist with training, calls may be recorded.

TERMS OF BUSINESS

Payment Terms

Initially, new customers are required to purchase goods on a pro-forma basis. If you wish to apply for a credit account, please complete a credit account application form (available on request). Your application will be processed by our Accounts Department, however submitting a form does not automatically guarantee an account will be opened.

SWS UK reserves the right to withdraw trade credit accounts where:

- Turnover falls below £1,000 per annum. In this event, goods will continue to be supplied on a pro-forma basis.
- An account payment is received more than 10 working days late.

All orders should be placed using SWS UK's official order form (see pages 53-58). This minimises the likelihood of any misunderstandings and accelerates order processing.

Once processed all orders will be faxed back to you for final checking. Enquiries should be made to your Internal Account Manager. If you do not receive an order confirmation within 48 hours or sooner in the case of urgent orders, please contact the Trade Sales Office immediately.

In the event that a trade customer fails to confirm that their order has been interpreted correctly, manufacturing will still go ahead. However, SWS UK accepts no responsibility for manufacturing errors which are apparent from the order confirmation.

DELIVERIES

Claims for damages will only be processed if reported within 2 days of delivery. Please check the contents of your order on the day received. It may therefore be necessary for you to open packages prior to their despatch to site.

Queries relating to invoices must be notified to the Credit Controller within 7 days of receipt of invoice. This will ensure that we have the time to investigate and resolve your enquiry without it delaying any payments due to ourselves.

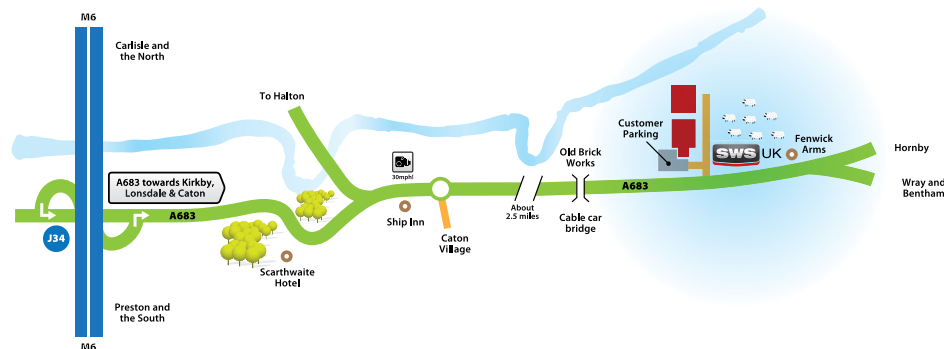


SWS UK

Hornby Road, Cloughton, Lancaster, Lancashire LA2 9LA

t: 01524 772 400 f: 01524 772 411

e: info@swsuk.co.uk w: www.sws.co.uk



SWS UK (London)

56 Windsor Avenue, Merton, London SW19 2RR

t: 020 8540 1717 f: 01524 772 411

e: info@swsuk.co.uk w: www.sws.co.uk

