



GARAGE DOORS

SECTIONAL & SIDE SLIDING

PRICELIST

valid from 15/11/2023

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IMPORTANT INFORMATION

All doors are made to measure.

To obtain the price please check corresponding or intermediate width and height.

For door sizes exceeding price-list limits ask the manufacturer.

Please note that depicted colours are for guidance only. Use official support materials for accurate colour.



Sales and Delivery terms

1. Orders: to be sent by e-mail or fax. All given data must be clear and readable. All required information: width, height, headroom, side-room, track system, design, colours, etc. must be indicated. Correct orders will be confirmed within 48 hours. The order confirmation should be checked and corrected if necessary. Orders cancelled later than 48 hours after the order confirmation was sent will be charged for the value of goods used for production.

2. Delivery time: 3-4 weeks from order confirmation date for standard doors, and 4-6 weeks - for non standard doors (with wicket door, FV sections, custom coating). Delivery term may be postponed in case of Force Majeure circumstances or any other reasons caused by third parties. The customer will be informed in advance.

3. Delivery: to be delivered to the dealer's warehouse. Delivery to dealer's warehouse is free of charge. Deliveries to other addresses will be charged separately. At the unloading location must be an adult person capable to assist driver to unload and authorised to sign for the delivery.

4. Transportation: dealer's warehouse address on UK Mainland - free of charge (except London and Scotland).

5. Prices: are subject to be changed within 30 days notice.

Prices are in British Pounds and do not include VAT, other taxes.

6. Payment term: 30 days from the invoice date or in advance if not agreed otherwise. Manufacturer may charge average bank interest if the invoice was not paid in due time. There will be no further orders released if there are outstanding invoices.

7. Reclamation: damages or defected goods should be claimed in 5 working days after delivery. Damages made during the transportation should be fixed at unloading. Report must be made before installation if door parts are damaged during transportation, have scratches or dents or missing parts. Manufacturer is not responsible for damages made by negligent handling, unprofessional fitting or inappropriate storage.

8. Manufacturer is responsible to supply defected parts or products free of charge. The manufacturer is not obliged to cover replacement costs. No other costs related to replacing of defective parts may be charged if not accepted by manufacturer.

9. Deviations in colour are to be expected due to the use of different base materials, such as aluminium, steel, plastic, textures, as well as varying productions process, etc. Despite the use of the best coating systems, colour deviations cannot be ruled out.

Ryterna Warranty Terms

Ryterna as manufacturer grants warranty covering safe and reliable function of garage doors for a period:

10 years – safe and reliable operation

2 years – locks, stays and hinges, paintwork

Normal wear and tear are not accepted as material defect.

No warranty against condensation inside of acrylic/polycarbonate double glazing units.

Different parts painted the same colour may look unlike due to different basis materials and surface structure.

Requirements:

Warranty claims are only applicable in the country where door was purchased. The door must be purchased through our authorised distributor.

The warranty only covers the contract object.

The fully completed product warranty card together with the receipt of purchase substantiate your right to claim under warranty.

Obligations:

During warranty period we undertake to rectify any and all defects to Ryterna product, which can be provided to be attributed to a material or manufacturing fault.

We pledge at our discretion to either exchange the defective merchandise for faultless merchandise, repair it or allow a reduction in price.

We do not accept costs of for dismantling and installation nor for carriage.

Ryterna is not liable for direct damage, like loss of profit or earning during repair or service period.

The warranty does not cover damage caused through:

Improper installation and negligent care or maintenance.

Industrial use.

Improper initial and subsequent operation.

Negligent or wanton destruction.

External influence such as: fire, water, salts, alkaline or acid solutions or any other abnormal environmental influence.

Mechanical damage through improper transportation and installation or through falling or hitting objects.

Improper use of surface cleaning or protection treatments.

Repair by nonqualified persons.

Using non Ryterna parts without written approval of the manufacturer.

Removal of product label or making it unidentifiable.

Application of additional non approved weights or infills.

Failure to remove protective film or packaging provided with product where applicable.

Small dents, scratches or imperfections if they are not visible from 3 metres distance are not considered as warranty issue.

Rib



Standard colours & finish

RAL9016 - Traffic white, woodgrain

Midrib



Standard colours & finish

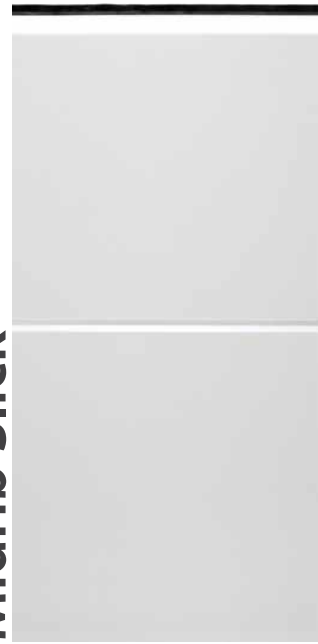
RAL9016 - Traffic white, woodgrain

RAL9006 - Fir green

RAL8017 - Chocolate brown

RAL7016 - Anthracite grey, woodgrain

Midrib Slick



Standard colours & finish

RAL9016 - Traffic white, smooth

RAL7016 - Anthracite Grey, smooth

Panels' Surface

Woodgrain



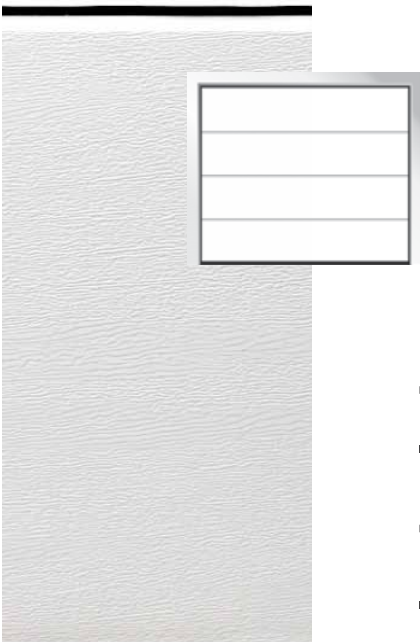
Stucco



Smooth



Flush

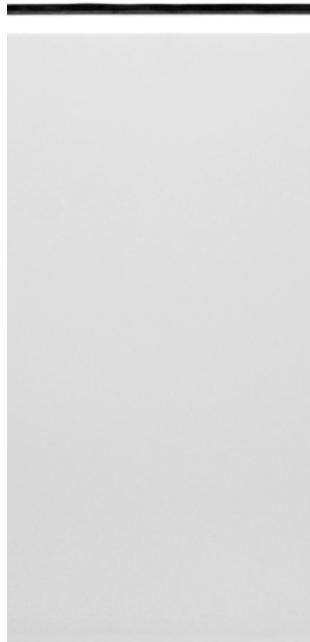


Standard colours & finish

RAL7016 - Anthracite grey, woodgrain

RAL9016 - Traffic white, woodgrain

Flush Slick



Standard colours & finish

RAL7016 - Anthracite grey, smooth

RAL9004 - Traffic black, smooth

RAL9006 - White aluminium, smooth

RAL9016 - Traffic white, smooth

Flush Slick+



Standard colours & finish

Stainless steel , smooth

Copper, smooth

Metallic Anthracite grey , smooth

Midrib Slick Wood



Standard colours & finish

Golden oak, smooth
Old oak, smooth
Light oak, smooth
Winchester oak, smooth
Dark oak, smooth
Rosewood, smooth

Georgian



Standard colours & finish

RAL9016 - Traffic white, woodgrain



All white panels can be painted in any RAL colour.
Smooth surface panels can be painted in metallic finish.
Different design and colour panels can be combined on one door.
Frame, profiles and panels can be painted in different colours.
Consult manufacturer.

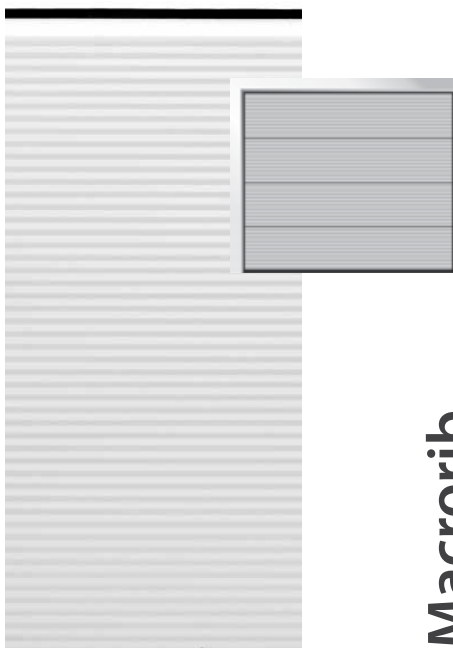
Toprib Slick



Standard colours & finish

RAL7016 - Anthracite grey, smooth
RAL9016 - Traffic white, smooth

Microrib



Standard colours & finish

RAL9016 - Traffic white, smooth

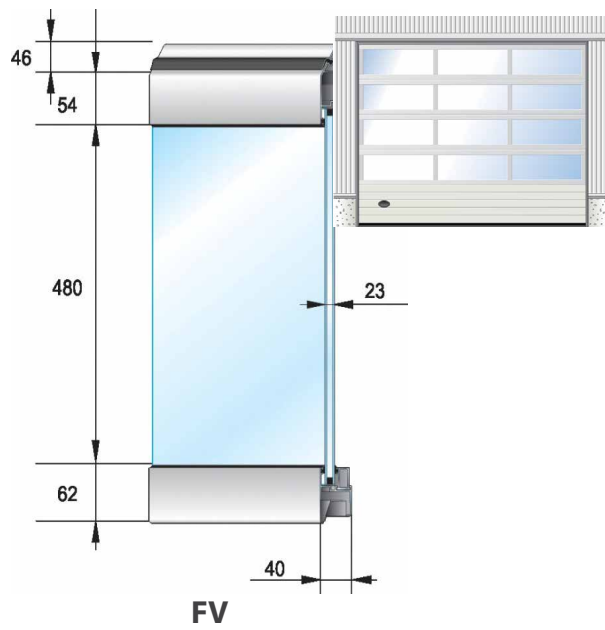
Macrorib



Standard colours & finish

RAL7016 - Anthracite grey, stucco
RAL9007 - Grey aluminium, stucco
RAL9016 - Traffic white, stucco

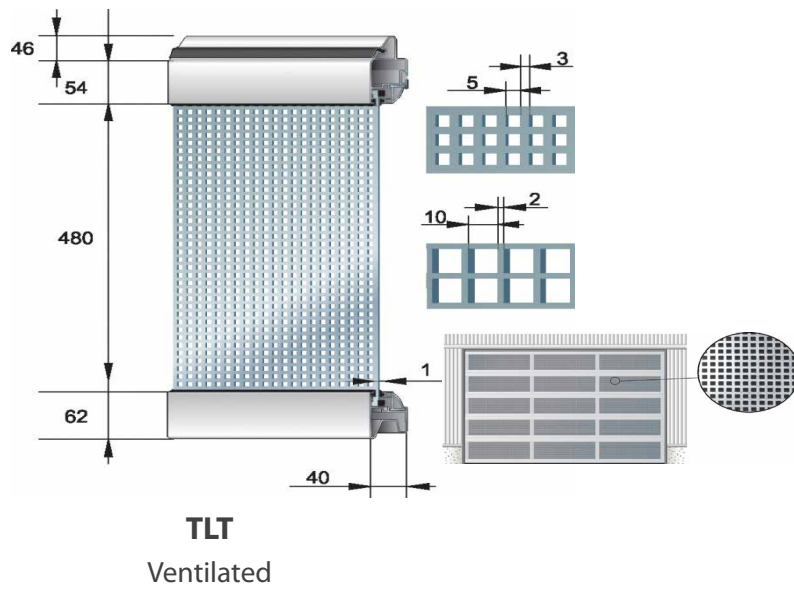
Panels made of aluminium profiles



FV-Standard



FV-thermo
With thermal break



Custom sizes, colours and mullions' layout available.

Models R40 - tension springs, max size 3500x2500

STANDARD OPTIONS INCLUDING:

Standard - low headroom double tracks (page 38)
 Extension springs UM - mounted under tracks
 Extension springs SM - mounted on side of tracks
 Extension springs TM - mounted on top of tracks
 Preassembled tracks and springs
 Spring lifetime up to 15 000 cycles
 Sandwich panels with finger pinch protection
 Panel thickness - 40 mm (PU insulated)
 Standard colour - inside: RAL 9002, stucco embossed
 Whole perimeter rubber sealing
 Standard top weather seal on the top panel
 Fixings

Models TL – torsion springs, max size 6000x3000

STANDARD OPTIONS INCLUDING:

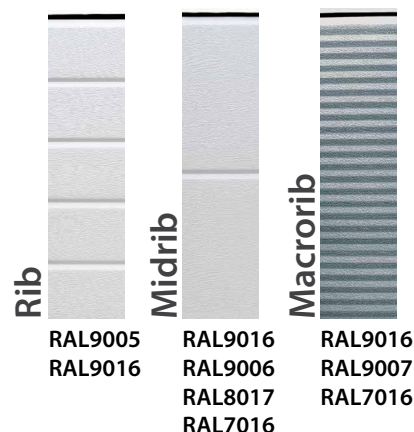
Standard - low headroom double track requires 180 mm headroom.
 Torsion springs - front mounted, optional: rear mounted torsion spring (page 41)
 Spring brake safety device
 Spring lifetime up to 15 000 cycles
 Sandwich panels with finger pinch protection
 Panel thickness - 40 mm (PU insulated)
 Standard colour - inside: RAL 9002, stucco embossed
 Whole perimeter rubber sealing
 Standard top weather seal on the top panel
 Fixings

Technical specifications for 3 x 2.5 m door	
Air permeability	Class 3
Resistance to water penetration	Class 3
Resistance to wind load	Class 5
Thermal transmittance U value	1.1 W/(m ² ·K)
Noise reduction level	-25 dB

Standard options

- Made to measure
- R40 - tension springs. UM, SM, TM tracks
- TL - torsion springs, LHR-FM tracks
- Zinc coated hardware
- Space cross-bar
- Inside colour RAL9002, stucco embossed
- Spring life-time 15,000 cycles
- Whole perimeter rubber sealing
- Top weather seal on top panel
- 40 mm thick finger pinch proof panels
- Low profile bottom rubber
- Fixings for brick/timber/metal

Panel designs



Standard Colours

R40 - UM, SM, TM

H/W	2250	2500	2750	3000	3250	3500
2000	1262	1309	1419	1572	1857	2024
2125	1299	1349	1458	1626	1937	2067
2250	1372	1425	1544	1692	2015	2161
2500	1554	1596	1698	1833	2138	2274

TL - LHR-FM

H/W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1870	1331	1366	1494	1589	1635	1764	1847	1952	2057	2152	2221	2316	2611	2692	2810	2892
2040	1362	1399	1612	1767	1863	2030	2138	2245	2318	2390	2450	2510	2808	2881	2952	3002
2140	1395	1434	1651	1794	1939	2071	2192	2312	2408	2458	2532	2606	2905	2966	3027	3124
2250	1456	1529	1688	1857	2015	2161	2282	2394	2492	2543	2618	2691	3004	3066	3153	3227
2375	1529	1581	1752	1935	2069	2218	2352	2476	2576	2653	2729	2793	3106	3193	3284	3359
2500	1589	1632	1816	1976	2138	2274	2422	2572	2637	2716	2793	2919	3187	3275	3365	3491
2750	1830	1935	2027	2132	2296	2434	2600	2715	2796	2900	2993	3075	3380	3484	3588	3681
3000	2012	2095	2167	2261	2453	2620	2763	2905	2989	3085	3217	3312	3632	3763	3895	4026

Custom Colours

R40 - UM, SM, TM

H/W	2250	2500	2750	3000	3250	3500
2000	1487	1559	1694	1872	2182	2374
2125	1538	1615	1750	1945	2282	2439
2250	1625	1706	1853	2030	2381	2555
2500	1835	1909	2042	2208	2544	2712



Custom colours:

On embossed surfaces

RAL colours

Standard gloss 20%

Max gloss 40%

For non RAL colours add **£12** per sq. metre

TL - LHR-FM

H/W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1870	1541	1600	1751	1870	1939	2091	2198	2326	2454	2573	2665	2784	3102	3206	3348	3453
2040	1592	1654	1893	2073	2195	2387	2521	2653	2752	2849	2935	3020	3344	3442	3539	3614
2140	1636	1702	1945	2115	2287	2446	2593	2740	2863	2940	3040	3141	3467	3555	3642	3766
2250	1709	1810	1997	2195	2381	2555	2704	2844	2970	3049	3152	3254	3595	3685	3800	3902
2375	1796	1878	2079	2291	2455	2634	2797	2951	3081	3187	3293	3387	3729	3846	3967	4072
2500	1870	1945	2160	2351	2544	2712	2891	3072	3168	3279	3387	3544	3843	3963	4084	4241
2750	2139	2279	2405	2545	2743	2915	3116	3265	3380	3519	3646	3763	4102	4240	4379	4506
3000	2350	2470	2580	2711	2941	3145	3326	3505	3627	3760	3930	4062	4420	4588	4758	4926

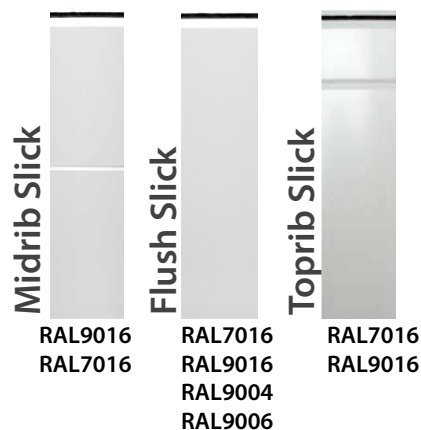


Depicted colours are for guidance only.

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

R40-UM - 110 man / 140 aut
 R40-SM - 110 man / 140 aut
 R40-TM - 180 man / 180 aut
 R40 tracks' mix on one door: UM/SM, UM/TM, SM/TM - add **£72**
 TL LHR-FM - 180 man / 180 aut
 TL LHR-RM - 120 man / 150 aut - add **£126** (W<3000) or **£155** (W≥3000)

Panel designs



Standard Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000
2000	1579	1616	1828	2055
2125	1605	1656	1858	2085
2250	1644	1684	1938	2116
2500	1772	1813	2085	2278

TL - LHR-FM

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
1870	1565	1611	1735	1796	1919	2018	2140	2252	2388	2549	2621	2745	3005	3253
2040	1621	1658	1884	2061	2211	2324	2474	2626	2776	2939	3001	3088	3302	3529
2140	1645	1695	1910	2087	2239	2378	2543	2694	2872	3061	3087	3176	3366	3607
2250	1682	1723	1988	2128	2293	2447	2640	2792	2957	3123	3175	3264	3484	3690
2375	1795	1863	2068	2235	2377	2544	2699	2841	3034	3201	3242	3371	3592	3838
2500	1874	1991	2147	2278	2422	2578	2746	2890	3083	3254	3294	3426	3651	3900
2750	2139	2223	2294	2453	2613	2822	2957	3064	3211	3472	3517	3663	3944	4199
3000	2204	2302	2403	2577	2752	2977	3089	3239	3327	3564	3650	3787	4098	4397

Custom Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000
2000	1849	1916	2158	2415
2125	1892	1975	2209	2468
2250	1948	2022	2309	2521
2500	2110	2188	2498	2728



Custom colours:

On smooth surfaces

RAL colours

Standard gloss 20%

Max gloss up to 40%

For non RAL colours add **£11** per sq. metre

For Metallic/Pearl finish add **£16** per sq. metre

TL - LHR-FM

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
1870	1817	1892	2044	2133	2284	2411	2561	2701	2865	3054	3154	3306	3622	3926
2040	1896	1964	2221	2428	2609	2752	2933	3116	3296	3490	3582	3700	3975	4263
2140	1934	2016	2263	2472	2656	2827	3025	3208	3418	3639	3697	3818	4072	4377
2250	1986	2061	2359	2533	2732	2920	3146	3332	3531	3731	3816	3939	4227	4500
2375	2116	2219	2460	2663	2840	3043	3233	3411	3640	3842	3919	4084	4376	4693
2500	2212	2366	2560	2728	2910	3103	3309	3490	3721	3929	4007	4176	4476	4800
2750	2510	2636	2748	2948	3149	3400	3576	3724	3912	4215	4301	4488	4852	5189
3000	2609	2752	2898	3117	3337	3607	3764	3959	4092	4374	4505	4687	5088	5477



Depicted colours are for guidance only.

Standard options

- Made to measure
- R40 - tension springs, UM, SM, TM tracks
- TL - torsion springs, LHR-FM tracks
- Zinc coated hardware
- Space cross-bar
- Inside colour RAL9002, stucco embossed
- Spring life-time 15,000 cycles
- Whole perimeter rubber sealing
- Top weather seal on top panel
- 40 mm thick finger pinch proof panels
- Low profile bottom rubber
- Fixings for brick/timber/metal

Panel designs



Golden oak
Old oak
Light oak
Winchester oak
Dark oak
Rosewood

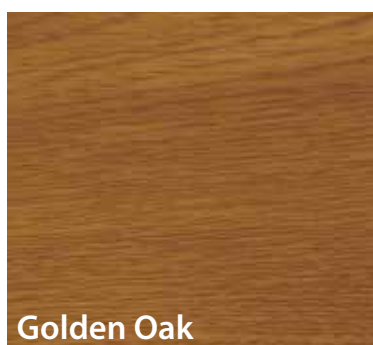
Standard Colours

R40 - UM, SM, TM

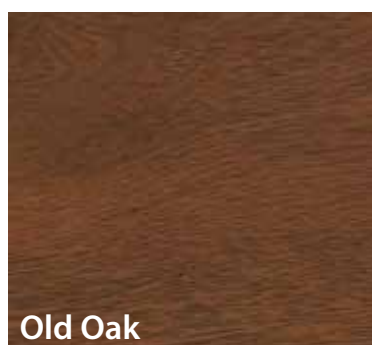
H\W	2250	2500	2750	3000
2000	1428	1490	1601	1983
2125	1479	1542	1654	2013
2250	1542	1619	1745	2093
2500	1743	1798	1939	2228

TL - LHR-FM

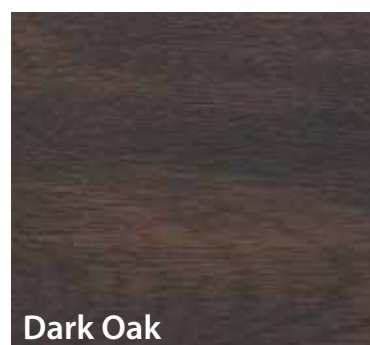
H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1870	1477	1523	1645	1767	1839	1996	2094	2189	2311	2433	2530	2627	2934	3056	3164	3261
2040	1519	1570	1791	1989	2100	2261	2396	2533	2619	2692	2779	2841	3162	3248	3348	3409
2140	1568	1617	1841	2015	2164	2314	2477	2614	2714	2789	2864	2952	3286	3362	3449	3549
2250	1617	1718	1906	2093	2255	2431	2571	2697	2810	2874	2963	3077	3400	3478	3591	3681
2375	1704	1769	1985	2162	2325	2515	2655	2795	2898	3013	3115	3206	3506	3634	3749	3826
2500	1779	1834	2063	2228	2419	2572	2751	2894	2997	3102	3206	3322	3637	3741	3846	3987
2750	2054	2160	2267	2400	2595	2763	2933	3090	3197	3304	3425	3531	3873	3981	4114	4256
3000	2228	2339	2449	2584	2782	2954	3151	3298	3421	3532	3691	3813	4184	4319	4467	4614



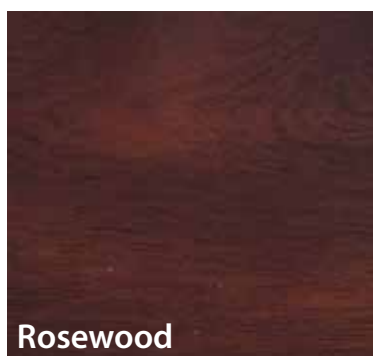
Golden Oak



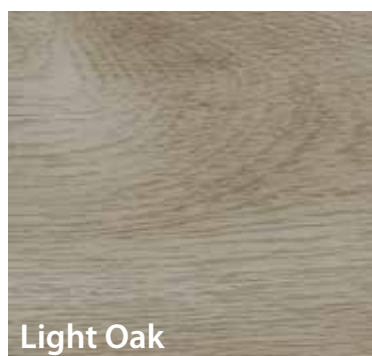
Old Oak



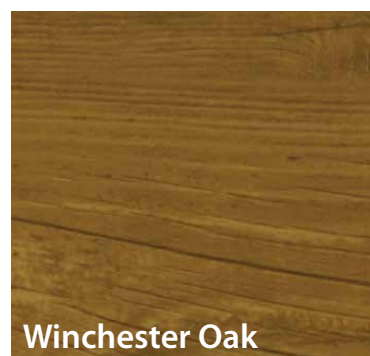
Dark Oak



Rosewood



Light Oak



Winchester Oak

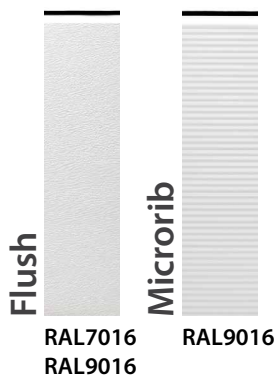


Depicted colours are for guidance only.

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

R40-UM	- 110 man / 140 aut
R40-SM	- 110 man / 140 aut
R40-TM	- 180 man / 180 aut
R40 tracks' mix on one door: UM/SM, UM/TM, SM/TM - add £72	
TL LHR-FM	- 180 man / 180 aut
TL LHR-RM	- 120 man / 150 aut - add £126 (W<3000) or £155 (W≥3000)

Panel designs



Standard Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000	3250	3500
2000	1416	1477	1576	1698	2101	2247
2125	1443	1505	1617	1775	2144	2292
2250	1529	1593	1670	1868	2213	2362
2500	1667	1733	1837	2064	2338	2601

TL - LHR-FM

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1870	1500	1548	1631	1714	1835	1979	2076	2161	2257	2364	2484	2593	2848	2969	3077	3197
2040	1532	1581	1776	1984	2107	2253	2399	2498	2586	2658	2731	2781	3124	3210	3295	3345
2140	1578	1617	1814	2012	2146	2294	2443	2580	2654	2729	2804	2890	3234	3309	3372	3472
2250	1616	1667	1854	2051	2213	2362	2549	2661	2737	2802	2914	2990	3348	3425	3500	3576
2375	1641	1754	1906	2119	2281	2445	2633	2734	2813	2914	2992	3119	3454	3543	3658	3735
2500	1680	1769	2046	2162	2338	2601	2705	2784	2900	2978	3059	3236	3534	3638	3741	3881
2750	2098	2180	2249	2380	2574	2766	2909	2991	3073	3191	3286	3418	3756	3875	3982	4100
3000	2186	2295	2369	2515	2698	2894	3015	3186	3257	3344	3478	3674	4052	4174	4332	4467

Custom Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000	3250	3500
2000	1641	1727	1851	1998	2426	2597
2125	1682	1771	1909	2094	2489	2664
2250	1782	1874	1979	2206	2579	2756
2500	1948	2046	2181	2439	2744	3039



Custom colours:

On embossed surfaces

RAL colours

Standard gloss 20%

Max gloss 40%

For non RAL colours add **£12** per sq. metre

TL - LHR-FM

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
1870	1710	1782	1888	1995	2139	2306	2427	2535	2654	2785	2928	3061	3339	3483	3615	3758
2040	1762	1836	2057	2290	2439	2610	2782	2906	3020	3117	3216	3291	3660	3771	3882	3957
2140	1819	1885	2108	2333	2494	2669	2844	3008	3109	3211	3312	3425	3796	3898	3987	4114
2250	1869	1948	2163	2389	2579	2756	2971	3111	3215	3308	3448	3553	3939	4044	4147	4251
2375	1908	2051	2233	2475	2667	2861	3078	3209	3318	3448	3556	3713	4077	4196	4341	4448
2500	1961	2082	2390	2537	2744	3039	3174	3284	3431	3541	3653	3861	4190	4326	4460	4631
2750	2407	2524	2627	2793	3021	3247	3425	3541	3657	3810	3939	4106	4478	4631	4773	4925
3000	2524	2670	2782	2965	3186	3419	3578	3786	3895	4019	4191	4424	4840	4999	5195	5367



Depicted colours are for guidance only.

Standard options

- Made to measure
- R40 - tension springs, UM, SM, TM tracks
- TL - torsion springs, LHR-FM tracks
- Zinc coated hardware
- Space cross-bar
- Inside colour RAL9002, stucco embossed
- Spring life-time 15,000 cycles
- Whole perimeter rubber sealing
- Top weather seal on top panel
- 40 mm thick finger pinch proof panels
- Low profile bottom rubber
- Fixings for brick/timber/metal

Panel designs



Flush Slick+

Stainless Steel
Old Copper
Metallic Anthracite grey

Standard Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000
2000	1730	1779	1993	2267
2125	1768	1819	2021	2299
2250	1807	1860	2163	2329
2500	1947	2003	2286	2479

TL - LHR-FM

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
1870	1729	1788	1900	1960	2083	2219	2343	2452	2628	2789	2949	3073	3434	3806
2040	1798	1834	2048	2275	2411	2551	2727	2878	3040	3216	3367	3454	3794	4119
2140	1821	1871	2074	2301	2441	2631	2783	2947	3160	3351	3452	3542	3870	4162
2250	1857	1898	2190	2330	2509	2700	2891	3056	3235	3413	3541	3669	3987	4320
2375	1960	2040	2269	2435	2617	2784	2950	3118	3310	3491	3634	3773	4135	4469
2500	2049	2180	2348	2479	2661	2830	2999	3168	3374	3555	3699	3842	4192	4531
2750	2340	2423	2508	2706	2864	3086	3233	3342	3502	3798	3946	4091	4486	4867
3000	2407	2518	2642	2817	3004	3228	3366	3529	3615	3904	4078	4252	4666	5091



Metallic Anthracite Grey



Old Copper



Stainless Steel



Depicted colours are for guidance only.

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

R40-UM	- 110 man / 140 aut
R40-SM	- 110 man / 140 aut
R40-TM	- 180 man / 180 aut
R40 tracks' mix on one door: UM/SM, UM/TM, SM/TM - add £72	
TL LHR-FM	- 180 man / 180 aut
TL LHR-RM	- 120 man / 150 aut - add £126 (W<3000) or £155 (W≥3000)

Panel designs



Standard Colours

R40 - UM, SM, TM

H\W	2250	2500	2750	3000	3250	3500
2000	1416	1477	1576	1698	2101	2247
2125	1443	1505	1617	1775	2144	2292
2250	1529	1593	1670	1868	2213	2362
2500	1667	1733	1837	2064	2338	2601

TL - LHR-FM

H\W	2250	2500	2750	3000	3500	4000	4500	5000	5500	6000
1870	1500	1548	1644	1738	1979	2171	2377	2593	2969	3197
2040	1532	1581	1788	1984	2253	2512	2658	2781	3210	3357
2140	1578	1617	1814	2024	2308	2592	2729	2904	3322	3472
2250	1616	1680	1854	2064	2362	2661	2814	3003	3425	3589
2375	1641	1754	1931	2119	2457	2747	2914	3119	3555	3747
2500	1690	1832	2057	2172	2613	2796	2978	3245	3638	3881
2750	2109	2180	2274	2405	2766	3003	3191	3430	3875	4100
3000	2186	2295	2380	2527	2905	3198	3357	3674	4174	4467

Custom Colours & 'Golden Oak'

R40 - UM, SM, TM

H\W	2250	2500	2750	3000	3250	3500
2000	1641	1727	1851	1998	2426	2597
2125	1682	1771	1909	2094	2489	2664
2250	1782	1874	1979	2206	2579	2756
2500	1948	2046	2181	2439	2744	3039



Custom colours:

On embossed surfaces

RAL colours

Standard gloss 20%

Max gloss 40%

For non RAL colours add **£12** per sq. metre

TL - LHR-FM

H\W	2250	2500	2750	3000	3500	4000	4500	5000	5500	6000
1870	1710	1782	1901	2019	2306	2545	2798	3061	3483	3758
2040	1762	1836	2069	2290	2610	2920	3117	3291	3771	3969
2140	1819	1885	2108	2345	2683	3020	3211	3439	3911	4114
2250	1869	1961	2163	2402	2756	3111	3320	3566	4044	4264
2375	1908	2051	2258	2475	2873	3222	3448	3713	4208	4460
2500	1971	2145	2401	2547	3051	3296	3541	3870	4326	4631
2750	2418	2524	2652	2818	3247	3553	3810	4118	4631	4925
3000	2524	2670	2793	2977	3430	3798	4032	4424	4999	5367



Depicted colours are for guidance only.

Standard options

- Made to measure
- TL - torsion springs, LHR-FM tracks
- Zinc coated hardware
- Space cross-bar
- Inside colour RAL9002, stucco embossed
- Spring life-time 15,000 cycles
- Whole perimeter rubber sealing
- Top weather seal on top panel
- 40 mm thick finger pinch proof panels
- Low profile bottom rubber
- Fixings for brick/timber/metal

FV - Glazed

Aluminium profiles with double glazing.
Standard colour - anodised aluminum.
Bottom panel 'sandwich' type, Rib design.
For bottom glazed panel add **£112** per width metre.

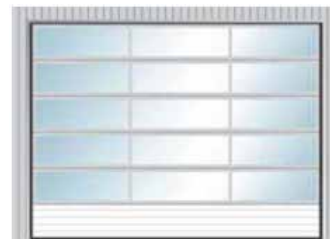


Custom colours:

RAL colours
Standard gloss 20%
Max gloss up to 40%
For non RAL colours add **£12** per sq. metre
For Metallic/Pearl finish add **£17** per sq. metre



Max distance between mullions:
2 mm thick acrylic double glazing (standard) - 1.3 m
Safety glass glazing (consult manufacturer) - 2 m



Anodised Aluminium

H\W	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2250	2288	2406	2561	2692	2847	3002	3120	3274	3483	3600	3767
2500	2383	2503	2662	2808	3005	3163	3283	3442	3665	3797	3970
2750	2567	2692	2852	3052	3343	3517	3639	3880	4207	4331	4505
3000	2675	2857	3029	3292	3474	3661	3895	4140	4322	4971	5199

Custom Colours

H\W	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2250	2626	2777	2966	3131	3320	3508	3660	3848	4091	4241	4442
2500	2758	2916	3112	3296	3530	3726	3883	4080	4340	4510	4720
2750	2980	3146	3347	3588	3921	4136	4299	4581	4950	5115	5330
3000	3125	3352	3569	3877	4104	4336	4615	4905	5132	5826	6099

FVC - Continuous Glazing

Aluminium profiles with double 4 mm thick acrylic continuous glazing.
Standard colour - anodised aluminum.



Custom colours:

RAL colours
Standard gloss 20%
Max gloss up to 40%
For non RAL colours add **£12** per sq. metre
For Metallic/Pearl finish add **£17** per sq. metre



Anodised Aluminium

H\W	2500	2750	3000
2500	3349	3575	3838
2750	3599	3816	4082
3000	3911	4155	4449

Custom Colours

H\W	2500	2750	3000
2500	3724	3988	4288
2750	4012	4270	4577
3000	4361	4650	4989

Please note that the manufacturers can not offer any warranty against condensation inside acrylic/polycarbonate double glazing units. Acrylic & polycarbonate are porous, therefore allowing gasses including moisture to travel through them under certain conditions.

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

TL LHR-FM - 180 man / 180 aut

TL LHR-RM - 120 man / 150 aut - add **£126** (W<3000) or **£155** (W≥3000)

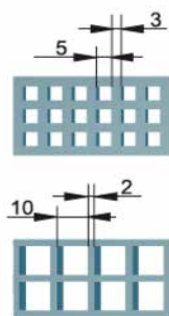
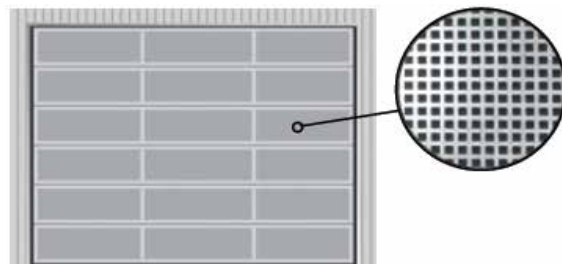
TLT - Ventilated

Aluminium profiles with perforated steel sheet filling

Standard colours:

- profiles anodised aluminium
- filling - zinc coated steel sheets

Optional: aluminium sheet filling. Add **£73 /m²**



Grille air permeability:

5x5/3 - 39%

10x10/2 - 69%

Anodised Aluminium

H\W	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000	2517	2639	2824	2946	3116	3287	3409	3580	3800	3934	4118
2250	2609	2746	2933	3069	3256	3430	3542	3729	3964	4102	4300
2500	2725	2866	3030	3194	3433	3597	3750	3915	4178	4318	4508



Custom colours:

RAL colours

Standard gloss 20%

Max gloss up to 40%

For non RAL colours add **£12** per sq. metre

For Metallic/Pearl finish add **£17** per sq. metre

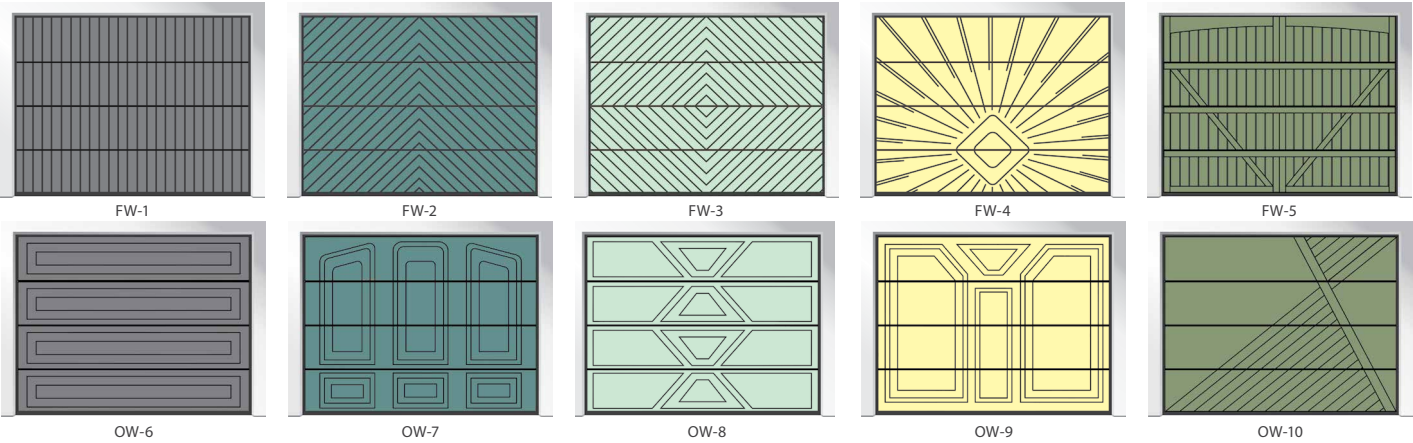
Custom Colours Aluminium profiles painted

H\W	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000	2817	2969	3184	3336	3536	3737	3889	4090	4340	4504	4718
2250	2947	3117	3338	3508	3729	3936	4082	4303	4572	4743	4975
2500	3100	3279	3480	3682	3958	4160	4350	4553	4853	5031	5258

Standard options

- Made to measure
 - TL - torsion springs, LHR-FM tracks
 - Zinc coated hardware
 - Space cross-bar
 - Shoot-bolt
 - Inside colour RAL9002, stucco embossed
- Spring life-time 15,000 cycles
 - Whole perimeter rubber sealing
 - Top weather seal on top panel
 - 40 mm thick finger pinch proof panels
 - Low profile bottom rubber
 - Fixings for brick/timber/metal

Painted Finish



For individual design feasibility & price consult manufacturer

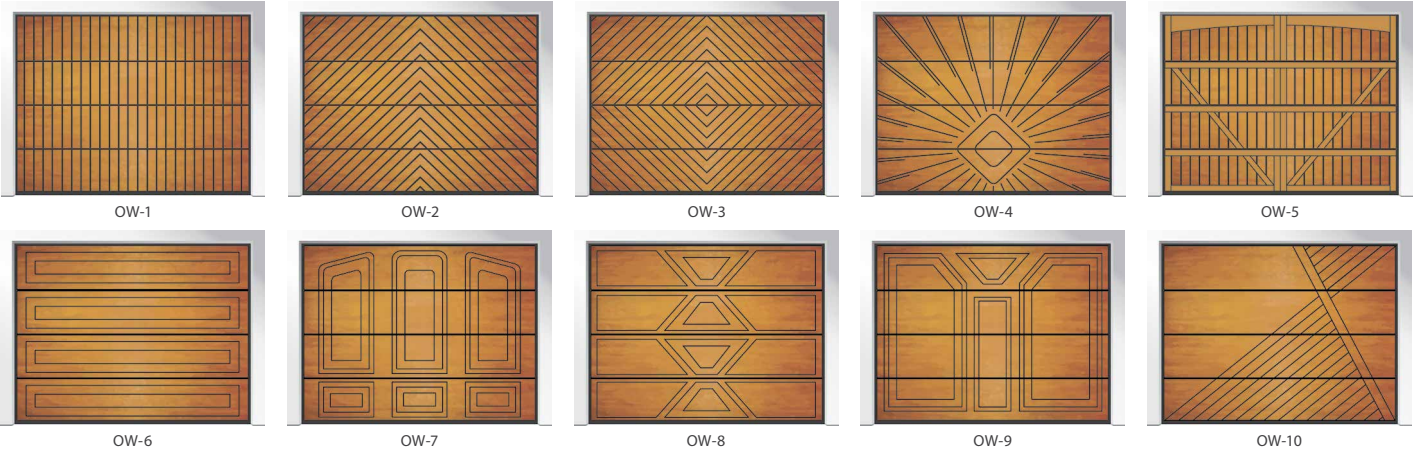


Custom colours:
RAL colours
Standard gloss 20%
Max gloss up to 40%
For non RAL colours add £12 per sq. metre
For Metallic/Pearl finish add £17 per sq. metre

Custom RAL Colours Standard designs

H/W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000	4048	4353	4708	5051	5367	5711	6063	6578	6896	7324	7653	7997
2140	4198	4554	4922	5303	5647	6028	6384	6727	7341	7685	8066	8435
2250	4417	4799	5181	5565	5932	6316	6770	7337	7694	8112	8495	8852
2375	4627	5034	5430	5766	6222	6618	7051	7691	8074	8518	8902	9310
2500	4860	5319	5705	6151	6558	6969	7588	8180	8553	8975	9372	9805

Varnish Finish (for varnish finish with exposed timber structure add 7% to door price)



For a varnish finish with the exposed timber structure add 7% to door price

Okoume shades



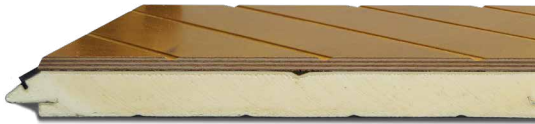
OKU1
Similar to 'Golden Oak'

OKU2
Similar to 'Old Oak'

OKU3
Similar to 'Dark Oak'



18 mm thick okoume plywood is available for deep milling. Max gloss up to 40%



Due to timber colour variations actual colour may differ from depicted

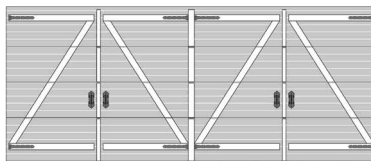
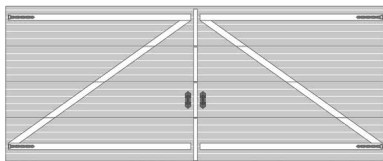
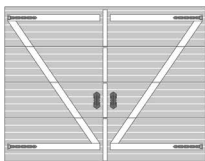
For custom shade consult manufacturer

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

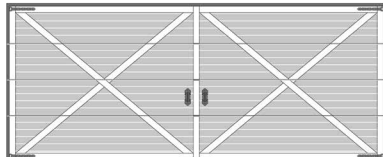
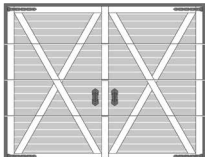
TL LHR-FM - 180 man / 180 aut

TL LHR-RM - 120 man / 150 aut - add **£126** (W<3000) or **£155** (W≥3000)

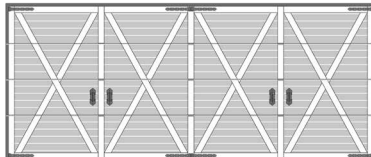
Z



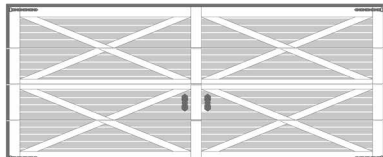
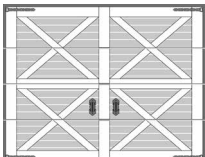
X



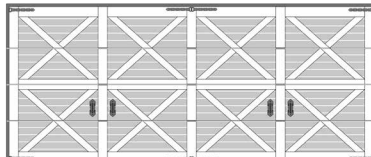
2 X



4X



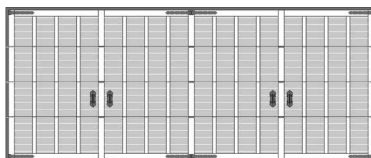
8X



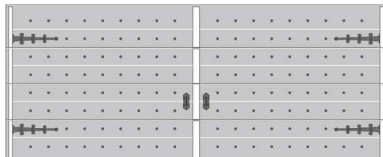
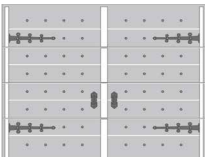
H



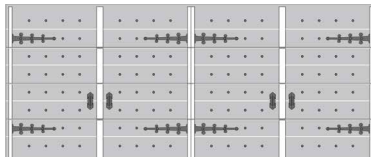
2 H



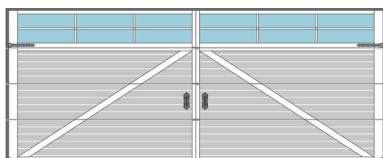
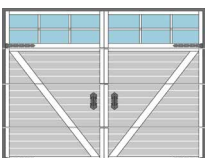
S



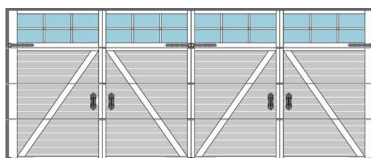
2 S



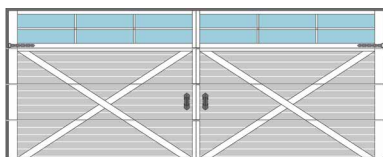
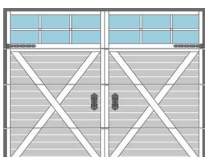
Z-FV



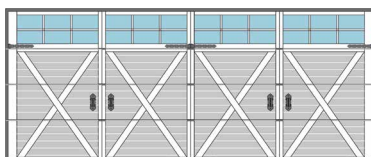
2 Z-FV



X-FV



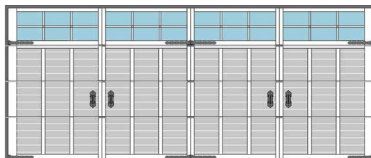
2 X-FV



H-FV



2 H-FV



		Max 7m ²	Max 9m ²	Max 12<m ²
Retro Z	add	628	816	1087
Retro 2Z	add		996	1268

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro X	add	786	996	1268
Retro 2X	add		1178	1449

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro 4X	add	846	1058	1328
Retro 8X	add		1238	1510

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro H	add	846	1058	1328
Retro 2H	add		1238	1510

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro S	add	786	996	1268
Retro 2S	add		1178	1449

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro Z-FV*	add	966	1298	1691
Retro 2Z-FV*	add		1479	1872

* clear acryl glazing

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro X-FV*	add	1148	1479	1932
Retro 2X-FV*	add		1661	2114

* clear acryl glazing

		Max 7m ²	Max 9m ²	Max 12<m ²
Retro H-FV*	add	1208	1540	1994
Retro 2H-FV*	add		1631	2174

* clear acryl glazing

Retro hinges, handles in RAL colour add 38 € (standard black).
Custom Retro design upon request



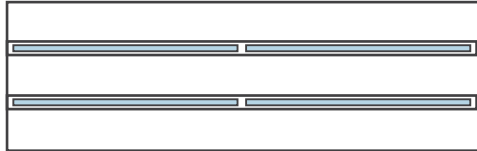
Depicted colours are for guidance only.

Standard options

- Made to measure
- TL - torsion springs, LHR-FM tracks
- Zinc coated hardware
- Space cross-bar
- Spring life-time 15,000 cycles
- Clear glazing
- Whole perimeter rubber sealing
- Top weather seal on top panel
- Double glazed finger pinch proof panels
- Low profile bottom rubber
- Fixings for brick/timber/metal



One - piece glazing - up to 3 meters



Polycarbonate sheet - up to 6 meters

Combination of Slick or Slick+ panels and narrow glazed aluminum sections give the door a very special look. Various glazing types available. Window glazing height may vary from 5 to 10 cm. Aluminium profiles painted door colour or different. For LED lighting inside glazing add **£246** per door width metre.

Standard colours

RAL 9016 RAL 9006 RAL 7016 RAL 9004

**Custom colours:****On smooth surfaces**

RAL colours

Standard gloss 20%

Max gloss up to 40%

For non RAL colours add **£12** per sq. metreFor Metallic/Pearl finish add **£17** per sq. metre

Standard Colours

H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
2000	2663	2824	3106	3425	3659	3904	4163	4397	4665	4936	5182	5366	5895	6422
2125	2701	2889	3147	3468	3703	3975	4234	4494	4801	5085	5283	5471	5977	6471
2250	2751	2964	3262	3548	3784	4045	4343	4615	4889	5174	5386	5597	6120	6630
2375	2853	3053	3339	3627	3901	4165	4414	4713	4988	5263	5487	5688	6263	6788

Custom Colours & 'Slick+' design panels

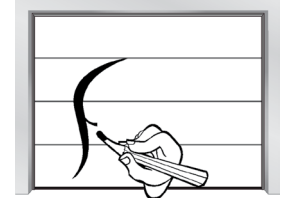
H\W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5500	6000
2000	2933	3124	3436	3785	4049	4324	4613	4877	5175	5476	5752	5966	6555	7142
2125	2988	3208	3498	3851	4117	4421	4712	5004	5343	5659	5889	6109	6678	7236
2250	3055	3302	3633	3953	4223	4518	4849	5155	5463	5782	6027	6272	6863	7440
2375	3174	3409	3731	4055	4364	4664	4948	5283	5594	5904	6164	6401	7047	7643

Min Basic Headroom Requirements (mm). Detailed specs on pages: 38 - 43

TL LHR-FM - 180 man / 180 aut

TL LHR-RM - 120 man / 150 aut - add **£118** (W<3000) or **£145** (W≥3000)

2.5 mm thick aluminium sheets fixed on top of 40 mm sandwich panels.
1.5 mm deep milling standard & custom designs available. Smooth surface.
Combinations with custom windows available.
Milled grooves can be decorated with aluminium inlays. Consult for price and feasibility.



Custom design

Custom Colours



Custom colours:

On smooth surfaces

RAL colours

Standard gloss 20%

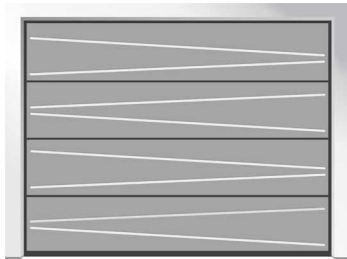
Max gloss up to 40%

For non RAL colours add **£12** per sq. metre

For Metallic/Pearl finish add **£17** per sq. metre

H/W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
2000	3841	4122	4468	4786	5093	5414	5746	6232	6540	6949	7255	7589
2140	3983	4318	4665	5026	5359	5719	6053	6375	6966	7288	7648	7994
2250	4189	4551	4913	5273	5621	5995	6421	6962	7297	7698	8059	8393
2375	4384	4771	5146	5471	5898	6274	6688	7294	7657	8085	8447	8835
2500	4614	5044	5408	5835	6225	6615	7199	7755	8107	8509	8888	9303

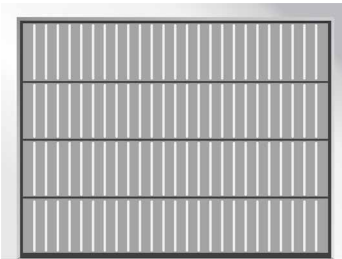
Standardised designs



ALU-1



ALU-2



ALU-3

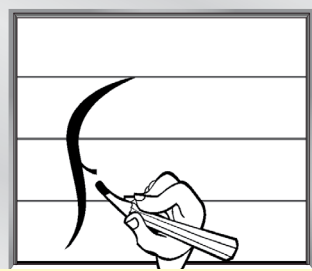
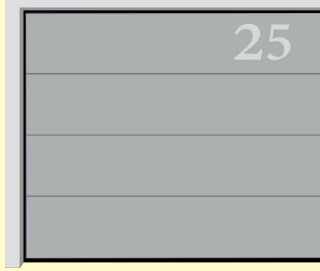


ALU-4

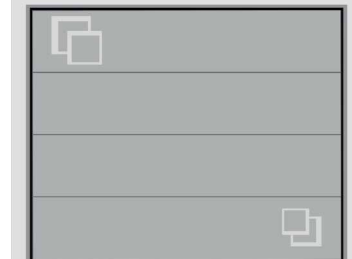
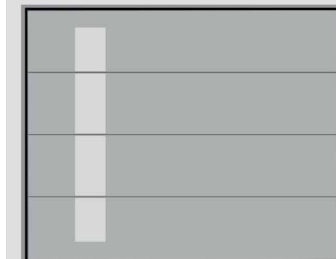
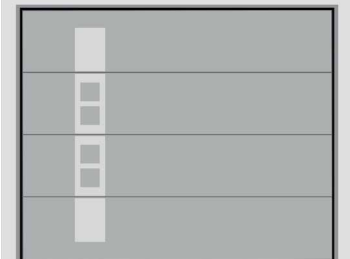
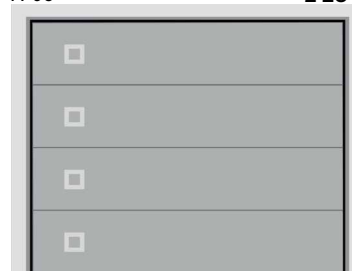
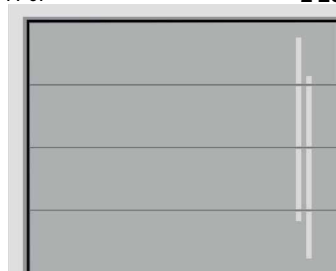
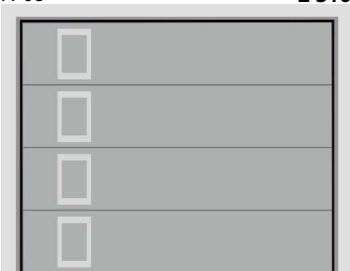
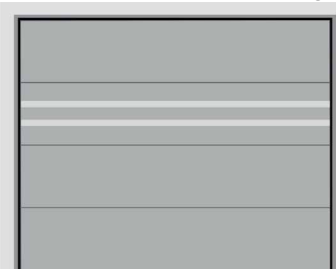
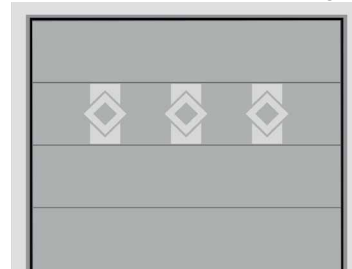
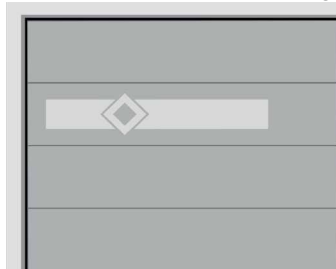
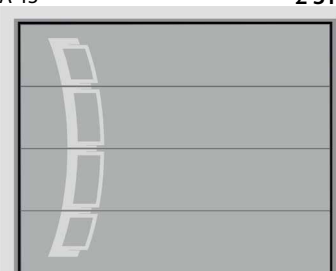
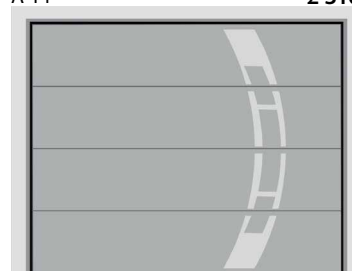
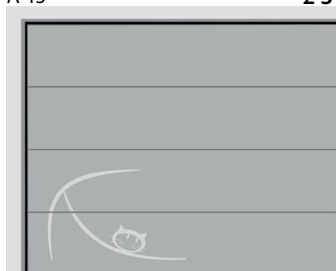
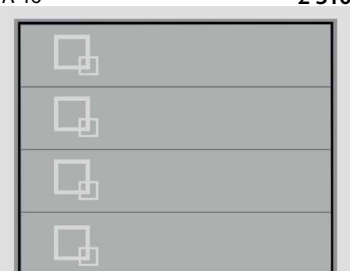
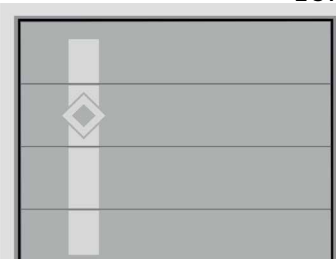
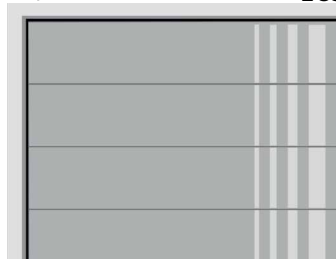
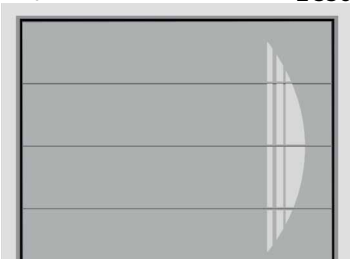


Stainless Metal Decor Appliques

Available on all door types (R40, TL, SH2, SH1, SSD)

	Individual design Individual design available Ask manufacturer for quote		House number applique in stainless steel £58/per symbol Height - 200 mm, Font - Adobe Gurmukhi
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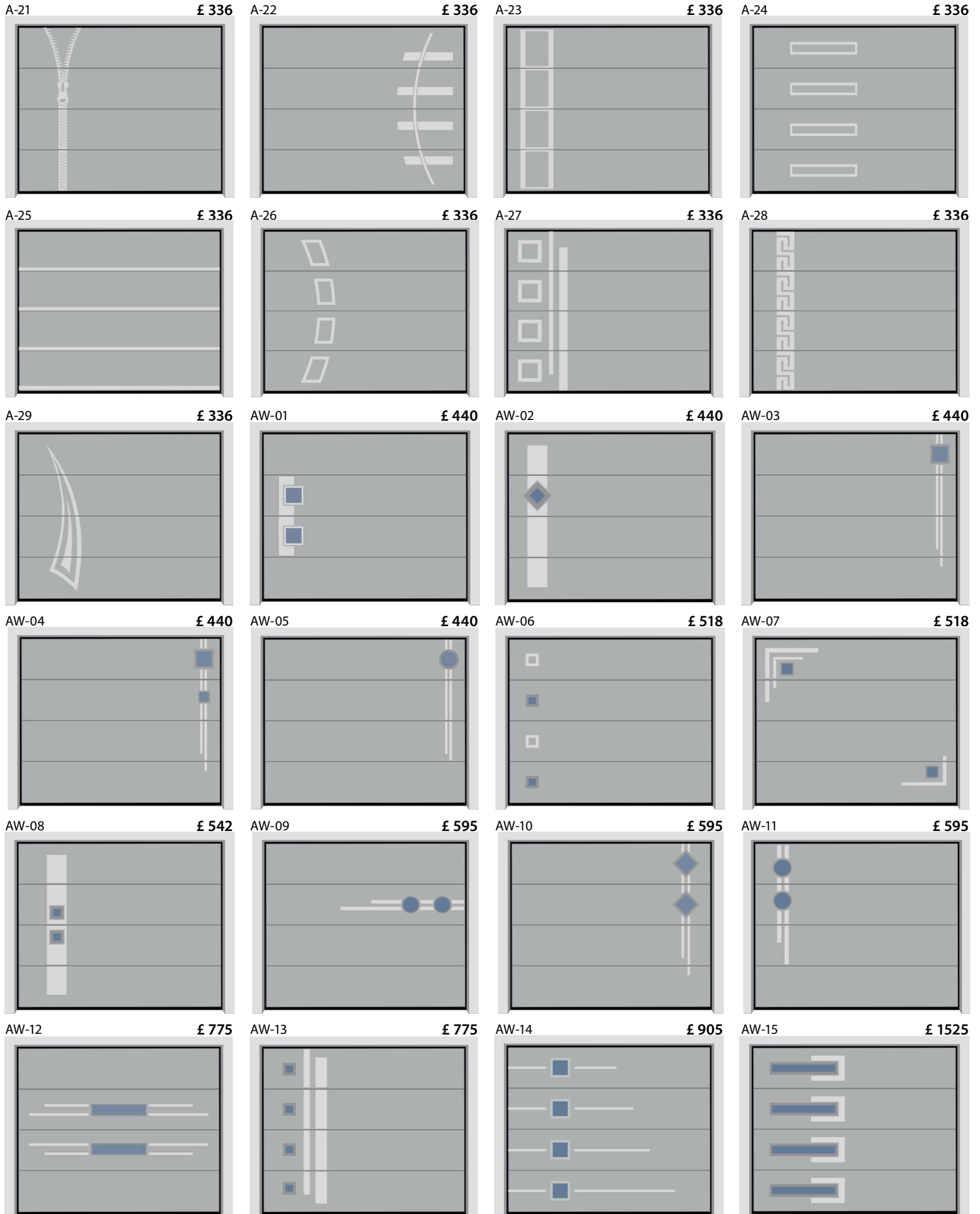
Standard design appliques*

A-01 £ 284 	A-02 £ 284 	A-03 £ 284 	A-04 £ 284 
A-05 £ 284 	A-06 £ 284 	A-07 £ 284 	A-08 £ 310 
A-09 £ 310 	A-10 £ 310 	A-11 £ 310 	A-12 £ 310 
A-13 £ 310 	A-14 £ 310 	A-15 £ 310 	A-16 £ 310 
A-17 £ 310 	A-18 £ 310 	A-19 £ 336 	A-20 £ 336 

For surface protection against the elements, regular treatment of stainless metal appliques and parts is necessary.
The stainless metal clean and protect kit - £24.

Stainless Metal Decor Appliques

Available on all door types (R40, TL, SH2, SH1, SSD)



* Add to door price

** Max continuous décor detail length 2500 mm

Windows prices for 'AW' - included. Clear glazing.

Side Sliding Sectional Doors

Standard options

- Made to measure
- Anodised aluminium hardware
- Zinc coated hardware
- Guiding rail for 120 mm headroom
- Whole perimeter brush sealing
- Aluminium 120 mm lintel profile
- Double glazed finger pinch proof panels
- Fixings for brick/timber/metal

Rib



Midrib



Flush



Custom colours:

On embossed surfaces

RAL colours

Standard gloss 20%

Max gloss 40%

For non RAL colours add £11 per sq. metre

Standard Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2139	2262	2554	2799	2982	3226	3421	3605	3678	3824	3971	4105	4484	4630	4789	4911
2125	2177	2300	2595	2828	3062	3271	3492	3690	3777	3912	4059	4209	4589	4737	4886	5046
2250	2226	2390	2636	2895	3131	3366	3577	3762	3864	4001	4151	4300	4694	4855	5005	5154
2375	2302	2440	2703	2963	3187	3424	3649	3848	3951	4114	4264	4416	4812	4975	5137	5302
2500	2390	2505	2792	3030	3280	3506	3744	3983	4074	4239	4404	4592	4954	5130	5308	5497
2750	2636	2827	2997	3200	3442	3670	3913	4129	4235	4415	4595	4751	5151	5344	5524	5716
3000	2812	2981	3152	3335	3604	3859	4105	4312	4433	4617	4824	5006	5423	5631	5839	6045

Custom Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2364	2512	2829	3099	3307	3576	3796	4005	4103	4274	4446	4605	5009	5180	5364	5511
2125	2416	2566	2887	3147	3407	3643	3890	4115	4229	4390	4564	4740	5147	5321	5497	5684
2250	2479	2671	2945	3233	3497	3760	3999	4212	4342	4507	4685	4863	5285	5474	5652	5829
2375	2569	2737	3030	3319	3573	3840	4094	4323	4456	4648	4828	5010	5435	5628	5820	6015
2500	2671	2818	3136	3405	3686	3944	4213	4483	4605	4802	4998	5217	5610	5818	6027	6247
2750	2945	3171	3375	3613	3889	4151	4429	4679	4819	5034	5248	5439	5873	6100	6315	6541
3000	3150	3356	3565	3785	4092	4384	4668	4912	5071	5292	5537	5756	6211	6456	6702	6945

Midrib Slick



Flush Slick



Toprib Slick



Standard Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2385	2510	2812	3077	3301	3502	3740	3966	4128	4354	4492	4668	4855	5043	5232	5420
2125	2412	2550	2842	3106	3333	3559	3802	4040	4231	4495	4596	4761	4938	5100	5304	5505
2250	2451	2579	2921	3137	3391	3632	3912	4153	4306	4560	4688	4854	5045	5224	5413	5592
2375	2552	2707	3013	3256	3486	3729	3972	4203	4383	4639	4755	4958	5152	5345	5537	5743
2500	2654	2862	3092	3312	3557	3788	4044	4277	4495	4753	4871	5078	5271	5479	5673	5880
2750	2921	3092	3251	3499	3733	4045	4254	4451	4621	4972	5092	5327	5550	5772	5981	6192
3000	2985	3173	3360	3611	3888	4186	4387	4626	4750	5063	5224	5450	5688	5927	6151	6390

Custom Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2655	2810	3142	3437	3691	3922	4190	4446	4638	4894	5062	5268	5485	5703	5922	6140
2125	2699	2869	3193	3489	3747	4005	4280	4550	4773	5069	5202	5399	5607	5801	6037	6270
2250	2755	2917	3292	3542	3830	4105	4418	4693	4880	5168	5329	5529	5754	5967	6189	6402
2375	2873	3063	3405	3684	3949	4228	4506	4773	4989	5280	5432	5671	5900	6129	6356	6598
2500	2992	3237	3505	3762	4045	4313	4607	4877	5133	5428	5584	5828	6059	6304	6536	6780
2750	3292	3505	3705	3994	4269	4623	4873	5111	5322	5715	5876	6152	6416	6680	6930	7182
3000	3390	3623	3855	4151	4473	4816	5062	5346	5515	5873	6079	6350	6633	6917	7186	7470



Custom colours:

On smooth surfaces

RAL colours

Standard gloss 20%

Max gloss up to 40%

For non RAL colours add £11 per sq. metre

For Metallic/Pearl finish add £16 per sq. metre



Side Sliding Sectional Doors

Min Basic Headroom & Sideroom Requirements (mm). Detailed specs on page: 24

Standard sideroom > 500mm, for side-room ≤500mm add **£203**

Standard headroom 120 mm

! Door wider than 5 metres is recommended to split in two bi-parting doors.

Midrib Slick Wood



Golden oak
Old oak
Light oak
Winchester oak
Dark oak
Rosewood

Standard Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2359	2494	2824	3092	3299	3569	3788	3984	4081	4265	4424	4582	4985	5169	5339	5487
2125	2410	2558	2876	3135	3392	3626	3872	4094	4219	4366	4551	4723	5127	5288	5472	5657
2250	2471	2659	2941	3226	3474	3746	3980	4204	4328	4491	4665	4851	5270	5443	5631	5815
2375	2559	2722	3007	3304	3554	3827	4076	4314	4426	4628	4815	4977	5411	5598	5799	5987
2500	2659	2811	3122	3397	3672	3922	4198	4460	4589	4777	4968	5192	5590	5791	5993	6218
2750	2941	3159	3364	3592	3870	4135	4414	4655	4798	5001	5219	5411	5849	6064	6282	6497
3000	3128	3348	3543	3762	4069	4373	4642	4899	5046	5266	5509	5730	6182	6425	6671	6913



Golden Oak



Old Oak



Dark Oak



Rosewood



Light Oak



Winchester Oak

Flush Slick+



Stainless Steel
Old Copper
Metallic Anthracite grey

Standard Colours

H \ W	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
2000	2650	2802	3127	3428	3679	3906	4182	4433	4620	4871	5046	5247	5460	5687	5899	6113
2125	2689	2853	3181	3472	3737	3989	4267	4533	4759	5049	5175	5378	5581	5782	6010	6251
2250	2740	2906	3273	3526	3820	4086	4403	4669	4861	5152	5305	5509	5727	5942	6170	6374
2375	2868	3047	3390	3672	3941	4208	4487	4756	4962	5255	5410	5653	5870	6101	6331	6574
2500	2983	3226	3496	3752	4022	4292	4587	4858	5114	5408	5565	5808	6029	6273	6504	6749
2750	3273	3496	3693	3978	4251	4599	4846	5094	5303	5689	5849	6122	6381	6654	6902	7147
3000	3375	3614	3838	4128	4453	4793	5043	5318	5493	5845	6057	6320	6596	6885	7148	7437



Metallic Anthracite Grey



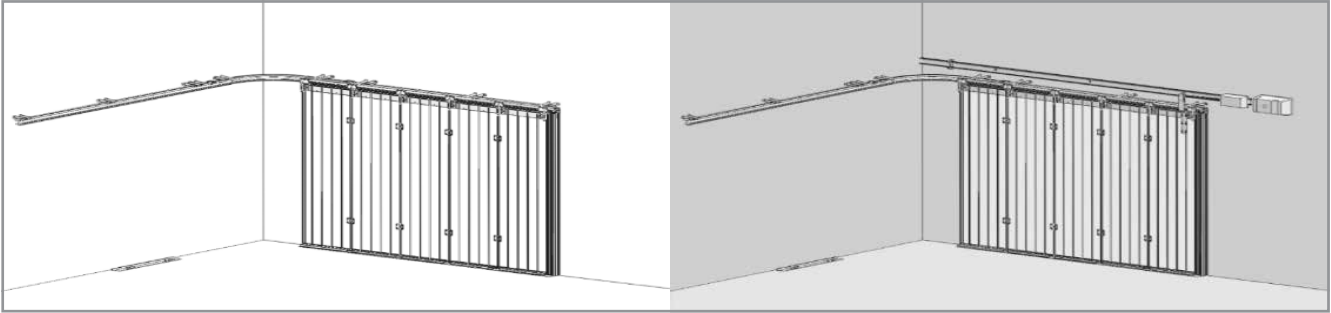
Old Copper



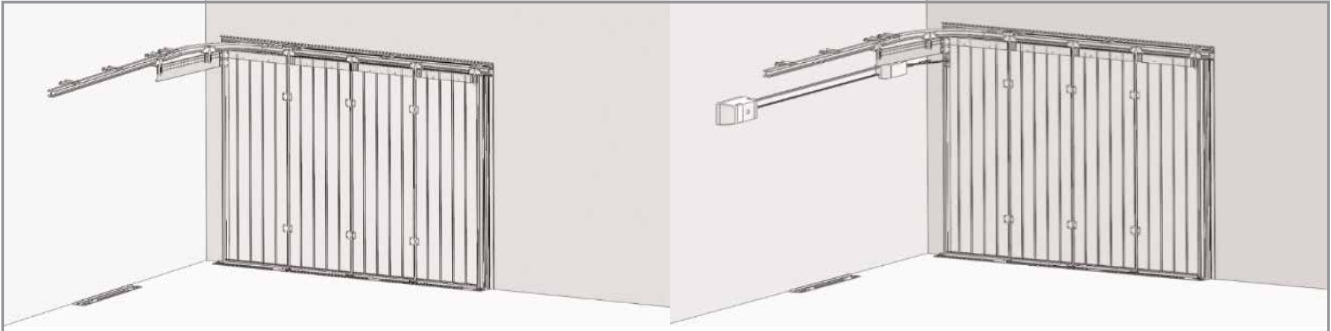
Stainless Steel

SSD Specifications & Options

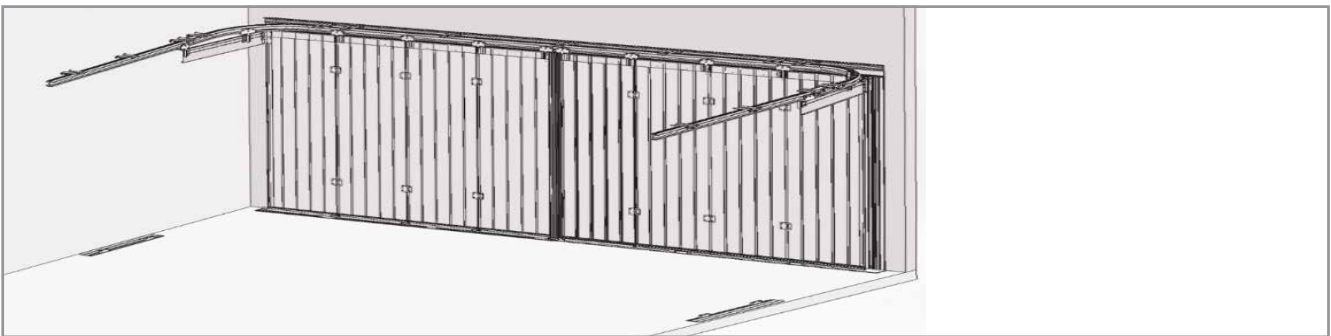
Standard sideroom > 500 mm Standard option. Curved guiding rail R420.



Small sideroom ≤ 500 mm add **£ 210** Curved guiding rail R520 + extension profile



Double SSD 2x single SSD



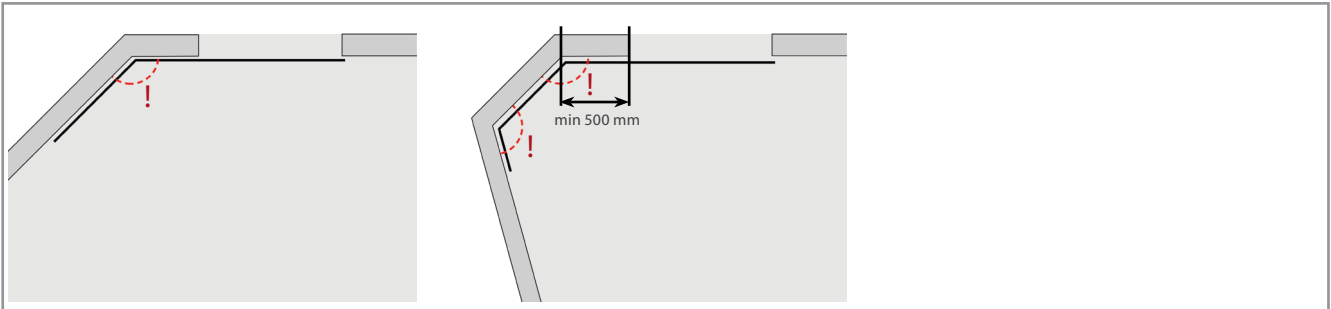
Min required headroom 120 mm
Min side-room on closing side 70 mm

Standard - right angle 90° corner

For custom angle add:

Single - **£193**

Double - **£386**



For second right angle corner add: £128

Compatible only with standard side-room >500 mm

Designed to accommodate garages with limited length

 Floor must be level in all directions!

SSD Specifications & Options

Installation depth D

(Does not include extended automation length)

Side-room**	Extension profile	D	Door opener installation position***	Operation
mm	mm	mm	recommended	
>500	no	$W^* + 100$	on lintel	manual / opener
500 - 301	400	$W^* + 600$	on side wall	recommended opener
300 - 201	600	$W^* + 800$	on side wall	recommended opener
200 - 150	1000	$W^* + 1250$	on side wall only	opener only

* W - opening width

** min side-room on opening side

*** Operator movement range must be longer than W, if standard rail is too short use additional rail extensions. Please check for door opener specifications.

Lintel profile



Standard option for fixing to lintel.
Option for fixing to ceiling will come with additional brackets and aluminium profile painted door colour.
Price, per door width metre.

£75

Additional lintel profile for side wall, per length metre.

£48

Adjustable door opener brackets



For door opener installation on lintel.

£48



For door opener installation on ceiling.

£75

Lock



Only for doors with side-room wider than 500 mm

£320

Painted hardware



Painted top & bottom aluminium end-caps & side profiles.

£145

Painted top & bottom aluminium end-caps, lintel, side profiles, hinges, roller carriages & guiding rail.

£253

Round Stainless Steel Windows



Single glazed with safety glass

Ø15cm - **£145** clear, **£169** matt/tinted, **£182** obscure*

Ø23cm - **£169** clear, **£193** matt/tinted, **£206** obscure*

Ø31cm - **£193** clear, **£220** matt/tinted, **£230** obscure*

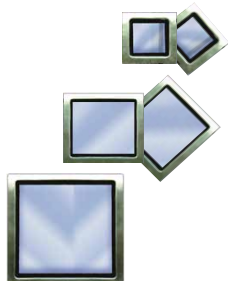
For custom colour frame add £37 per window

For 'Golden Oak' colour frame add £72 per window

Outside only



Square Stainless Steel Windows



Double glazed with safety glass

15x15cm - **£145** clear, **£169** matt/tinted, **£182** obscure*

23x23cm - **£169** clear, **£193** matt/tinted, **£206** obscure*

31x31cm - **£193** clear, **£230** matt/tinted, **£236** obscure*

For custom colour frame add £37 per window

For 'Golden Oak' colour frame add £72 per window

Outside only



Oblong Stainless Steel Windows



Double glazed with safety glass

80x15cm - **£290** clear, **£338** matt/tinted, **£351** obscure*

In vertical position for Side Sliding Doors only

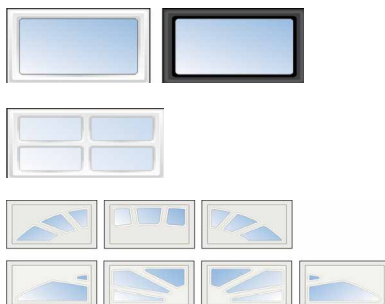
For custom colour frame add £37 per window

For 'Golden Oak' colour frame add £72 per window

Outside only



PVC Windows



Scratch proof acrylic double glazing

49x32cm - **£86** clear, **£105** matt, **£126** obscure

49x32cm with 'Cross' insert - **£104** clear, **£123** matt, **£144** obscure

49x32cm with 'Sunrise' insert- **£110** clear, **£129** matt, **£150** obscure

For custom colour frame add £37 per window

Outside only



Glazing Options



Matt



Obscure

* - clear, matt/tinted - safety glass, obscure - acrylic; square -double glazing, round - single glazing

Full Vision Panels

FV panels painted custom colour. The door colour or different.



FV-standard (standard mullions)

Clear scratch-proof acrylic double glazing
Matt or tinted acrylic double glazing
Obscure double glazing



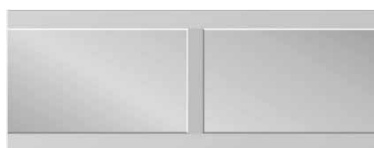
FV- BS (with dense mullions)

Clear scratch-proof acrylic double glazing
Matt acrylic double glazing
Obscure acrylic double glazing



FV- cross

Clear scratch-proof acrylic double glazing
Obscure acrylic double glazing



FV- infill

Double skin insulated sandwich filling
instead of glazing



FV-continuous w/o mullions max W 3150 mm

Clear acrylic double glazing

Safety glass glazing option

Single glazing (add to any of panel types above) - **£46**

Double glazing (add to any of panel types above) - **£72**

Single matt triplex glazing (add to any of panel types above)
For safety glass glazing and door size consult manufacturer



All prices are for 1 panel per 1 length metre

- **£167**

- **£212**

- **£212**

- **£239**

- **£284**

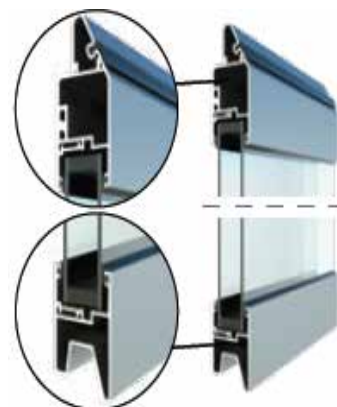
- **£284**

- **£264**

- **£309**

- **£140**

- **£239**



Thermo-Profiles

All FV panels are available in FV-Thermo version with thermal break for better U value

For FV-Thermo option add **£86** per metre to any of panel types above



Please note that manufacturers cannot offer any warranty against condensation inside of acrylic or polycarbonate double glazing windows.

Acrylic and polycarbonate are porous therefore allowing gases including moisture to travel through them under certain conditions.

Non Standard Shaped Windows



Double glazing, safety glass, stainless steel framing

For custom shape windows and glazing options please consult manufacturer

Consult manufacturer for feasibility & price.



'Half-moon' shape



Safety glass used on glazing units is tested according to EN12600.

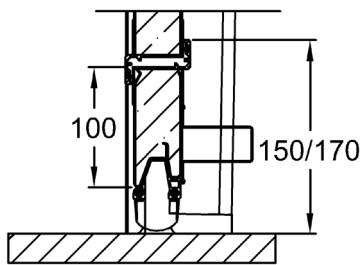
Wicket Door & Options

Standard options

- Threshold 120 mm high
- Opening outside only
- Aluminium profiles painted door colour
- Standard lock
- Door closer
- W 800 mm x H 2000 mm



Standard Threshold



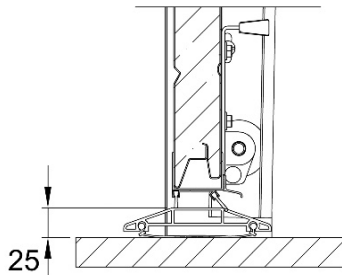
Wicket door with standard (100 mm) threshold
Garage door width $\leq 5,000$ mm

£1,096

Wicket door with standard (140 mm) threshold
Garage door width $> 5,000$ & ≤ 7000 mm

£1,410

Low Threshold



Wicket door with low (25 mm) threshold
Max garage door width 5000 mm
Convenience option - easy to drive over with bike, wheelchair, trolley

£1,281

Wicket with Glazed / Ventilated Panels



Glazed or ventilated panels in a wicket door
Add to wicket door price

£215

Integrated Microswitch



Safety option - for doors with electric door opener. Prevents remote operation whilst wicket door is open.
Two types - electromagnetic & mechanical. Please refer to door opener specs for compatible option. For Sommer openers - mechanical only.

£75

Lock ASSA Modular 565



Security option - high security lock.
 Chrome plated handle and lock plate cover.
 Complies with the requirements of the Swedish Standard SS 3522, class 2
 Assa Heavy Duty lock

£234

Antipanic Lock



Stainless steel knob - outside
 Lever handle - inside

£217

Key Cylinder with Thumb-Turn



Convenience option - fast & easy door locking without key from inside.

£22

Integrated Electromagnetic Latch



Compatible with antipanic lock and locks without outside handle. If activated - releases latch-bolt and allows to open the door. Can be activated by button, key code transmitter or remote handset. Requires 24V DC power source (not included).
 For compatible equipment and wiring consult supplier or manufacturer.

£101

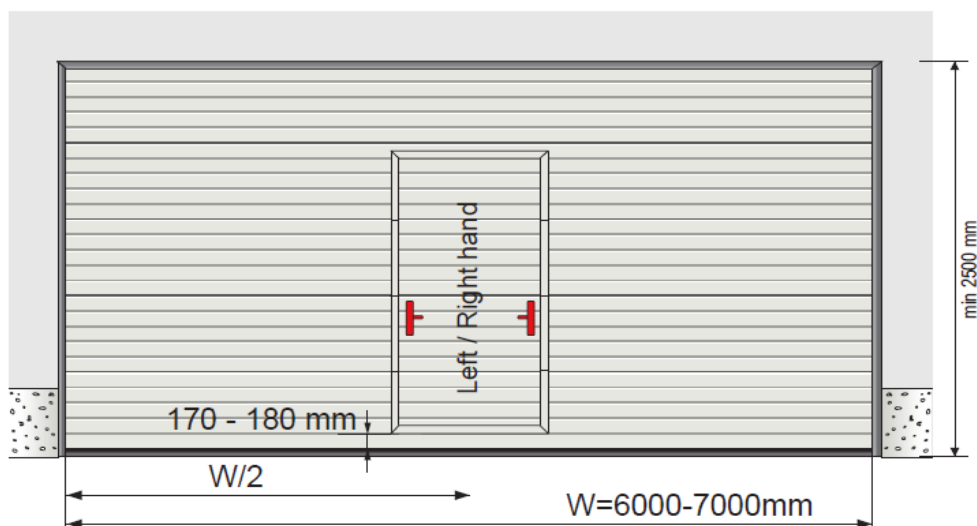
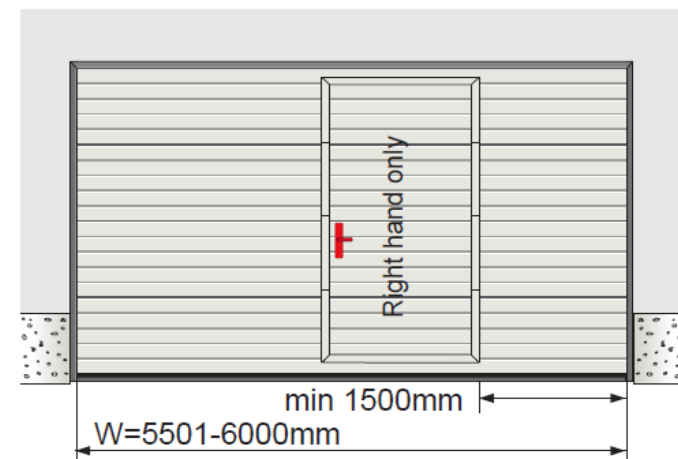
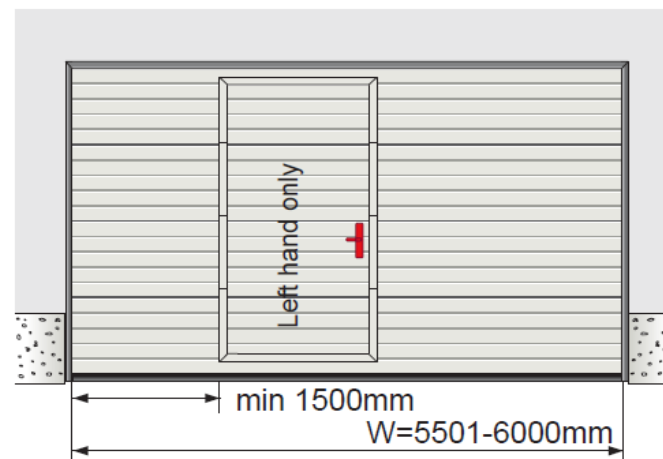
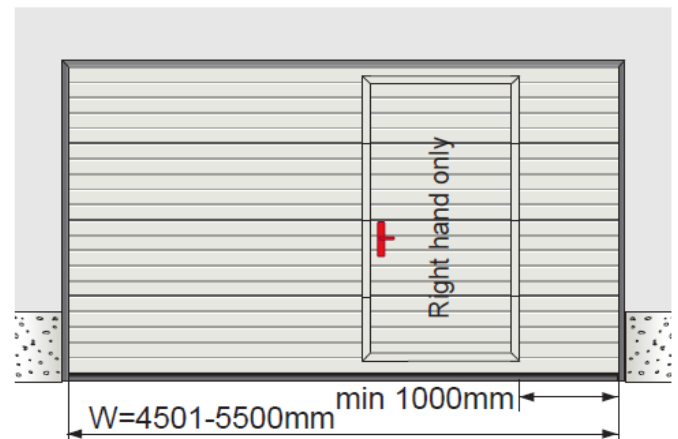
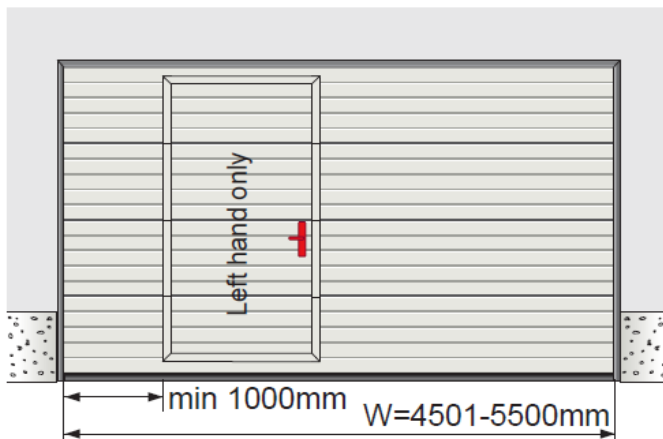
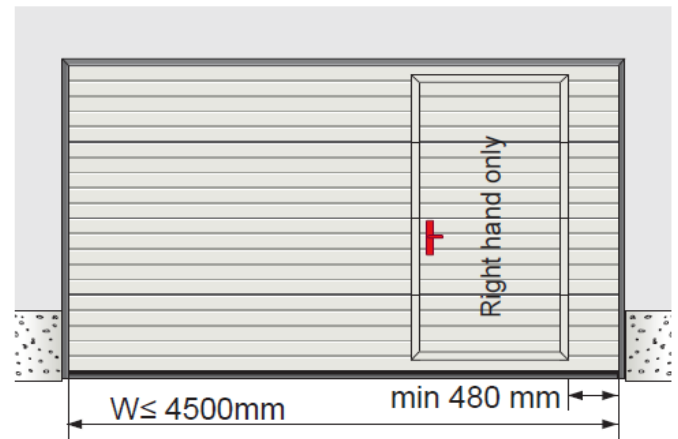
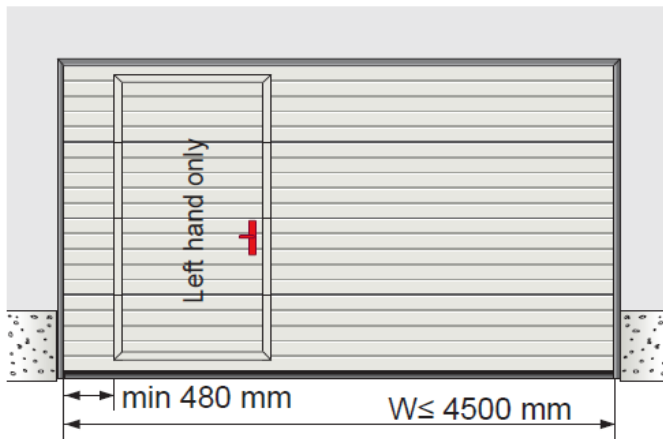
Standard Lock Handles



Standard handle and lock plate colours.
 Default door colour and handle colour combinations:
 - **white** handle for white doors,
 - **black** handle for colour and wood image doors,
 - **aluminium** handle -upon request.
 Please specify if different.

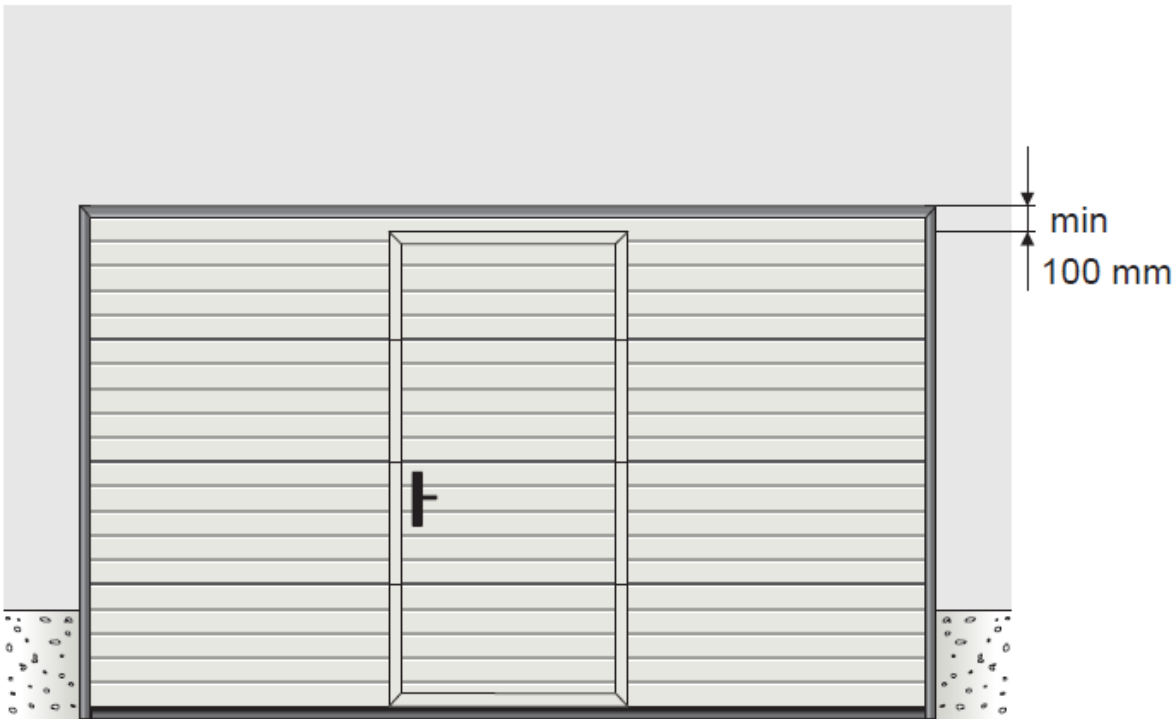
Standard option

Wicket Door Position & Handing Options

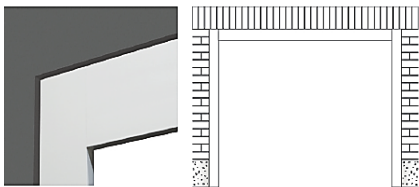
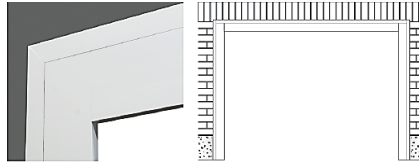
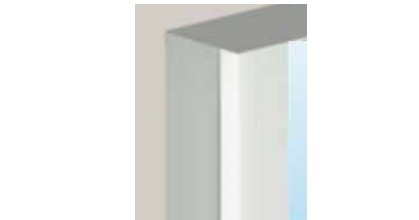
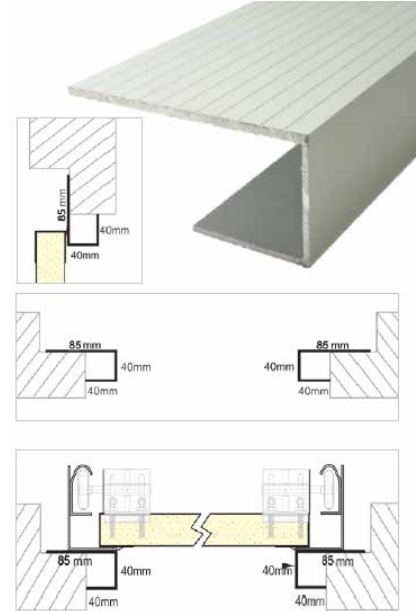


Wicket Door Size Options

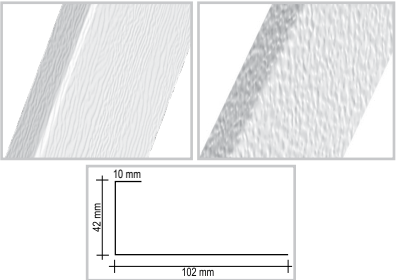
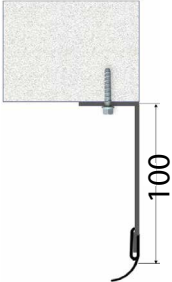
Standard size 800 x 2000 mm
Please specify if different



Frames, Lintel Profiles, Posts & Fascias

	Aluminium frame, made to measure For installation in between the opening (weatherseal on lintel) Max up to 3 x 2.5 m, OH 120 mm, SR 100 mm, custom colour £350 Max up to 6 x 2.5 m, OH 120 mm, SR 100 mm, custom colour £414 Max up to 3 x 2.5 m, OH 180 mm, SR 100 mm, custom colour £387 Max up to 6 x 2.5 m, OH 180 mm, SR 100 mm, custom colour £453	£350 £414 £387 £453
	Aluminium frame, attached architrave moulding made to measure (weatherseal on lintel) For installation in between the opening flush with front wall Max up to 3 x 2.5 m, OH 120 mm, SR 100 mm, custom colour £453 Max up to 6 x 2.5 m, OH 120 mm, SR 100 mm, custom colour £518 Max up to 3 x 2.5 m, OH 180 mm, SR 100 mm, custom colour £491 Max up to 6 x 2.5 m, OH 180 mm, SR 100 mm, custom colour £556	£453 £518 £491 £556
	Aluminium lintel profile, made to measure For short or missing headroom (weatherseal on lintel) Max W up to 3 m, OH 120 mm, custom colour £142 Max W up to 3 m, OH 180 mm, custom colour £181 Max W up to 6 m, OH 120 mm, custom colour £220 Max W up to 6 m, OH 180 mm, custom colour £273	£142 £181 £220 £273
	Aluminium post profile, made to measure For short or missing side-room Max H up to 2.5 m, W 100 mm, custom colour £142	£142
	Steel post made to measure (rectangular tube with brackets) For short or missing side-droom Max H up to 3 m, 80x40 mm, custom colour £123 Max H up to 3 m, 100x40 mm, custom colour £141 Max H up to 3 m, 120x40 mm, custom colour £156	£123 £141 £156
	Aluminium framing profile 85/40/40 mm made to measure For short headroom or side-room Price per metre £31 Painted door colour	£31

Frames, Lintel Profiles, Posts & Fascias

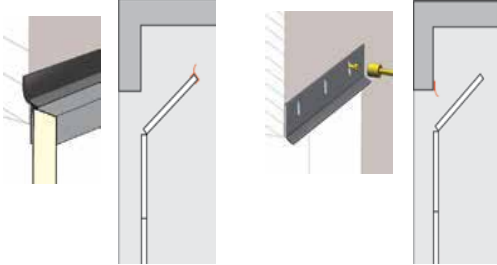
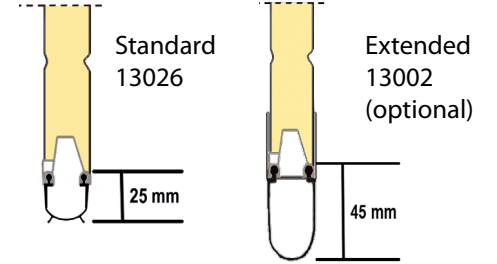
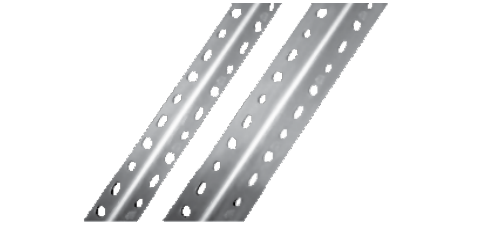
 Two samples of decorative profiles are shown. Below them is a technical drawing of an L-shaped profile with dimensions: 10 mm for the top flange, 42 mm for the vertical flange, and 102 mm for the horizontal flange.	Decorative profile matching door colour & design, made to measure Max L 2.5 m, sizes 102x42 mm , per 1 profile Custom size & shape decorative profile, per length metre	£45 £40
 A diagram showing a rectangular fascia panel with a dashed line indicating its placement above a door frame.	Fascia, made to measure Made of panel, matching door design & colour For short or missing headroom H ≤ 500 mm, per width metre H > 500 mm, per width metre	£118 £169
 A diagram of a PVC lintel profile with a weatherseal. The vertical part is labeled with a dimension of 100 mm.	PVC lintel profile with weatherseal. Max 3 metres wide. Price per 1 profile Black With decorative door colour tin cover	£37 £61
 A diagram showing an aluminium profile for a top weatherseal, with a black weatherseal strip attached to its bottom edge.	Aluminium profile for top weatherseal (black). Price per 1 profile max 2770 mm wide	£37

Different parts painted the same colour may look unlike due to different basis materials and surface structure.

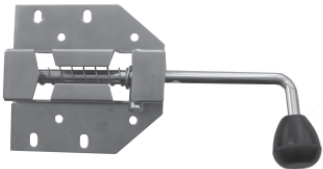
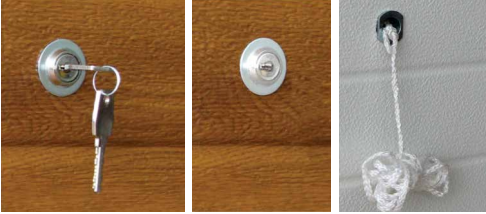
Hardware

	Powder coated hardware Tracks, hinges & brackets RAL9002 Custom RAL colours Hinges & brackets only RAL9002	£179 £242 £67
	Spring cover profile for LHR-FM & STD tracks For door up to 3 m wide 2 pc x 1.5 m long For door up to 6 m wide 2 pc x 3 m long Standard colour RAL9002	£91 £155
	Integrated Mail Box	£230
	Integrated Pet Flap Consult manufacturer for proper size	£166
	Ventilation Grill lockable 132 x 338 mm Painted door colour	£46
	Inclined Bottom Panel Cut For side-sloping driveways Please specify level difference or cut angle	£110

Hardware

 Sealing on panel (standard) Sealing on lintel 13020 (optional)	Top Weather Sealing Options Free option - please specify if non standard Top weatherseal on lintel reduces required headroom height by 10 - 20 mm	STD
 Standard 13026 Extended 13002 (optional) 25 mm 45 mm	Bottom Weather Sealing Options Free option - please specify if non standard Extended bottom rubber can compensate slightly sloping ~ 1 - 2 cm or crumbled floor	STD
	Reinforcement Omega Profile Per length metre Recommended for doors over 4 metres wide, painted dark colours & facing sunlight Zinc coated	£15
	Reinforced Door Opener Bracket 30x30x400 mm Recommended for doors over 4 metres wide	£33
	Galvanised Slotted Angle Bar 30x30 / 1.5 L=3000 Galvanised Slotted Angle Bar 30x30 / 2.0 L=3000 Galvanised Slotted Angle Bar 50x50 / 2.5 L=3000	£21 £24 £31

Sectional Doors' Locks & Handles

	Standard handle PVC, black	£13
	Standard lock black	£66
	Knob handle PVC, black	£13
 	Knob lock, black Knob lock in the middle of the door (max 3 metres wide)With 2 locking rods on both sides	£81 £114
	Stainless steel lock	£81
	Shoot bolt	£11
	Door opener disconnection lock Chrome 230240 White 230240-W Black 230240-B	£29 £37 £37

Painting & Custom Colours



Window frame custom colour
Additional detail paint
Alu profiles matching Slick+ Anthracite colour
Paint with structure surface
Non RAL colour
Metallic/Pearl finish RAL E2 (smooth surface only)

£37 per window
£48 per detail
£39 per length metre
£17 per sq. metre*
£12 per sq. metre*
£17 per sq. metre*
**Add to 'Custom colours' door price*
£426 per 1 extra colour

Panels painted more than one colour



Custom colours on woodgrain & stucco surfaces:

Standard gloss 20%
Max gloss up to 40%
£50 per sq. metre



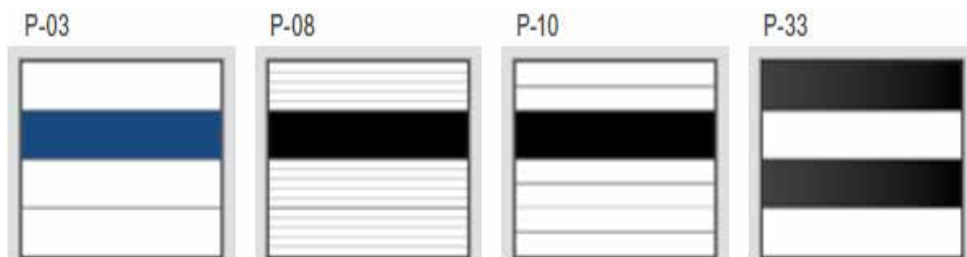
Custom colours on smooth surfaces including FV panels:

Standard gloss 20%
Max gloss up to 40%
£60 per sq. metre



Same colour painted various parts may look unlike due to different basis material and surface structure.

Panel Mix



Different design and colour panels can be combined on one door

For mix Design add **£160**

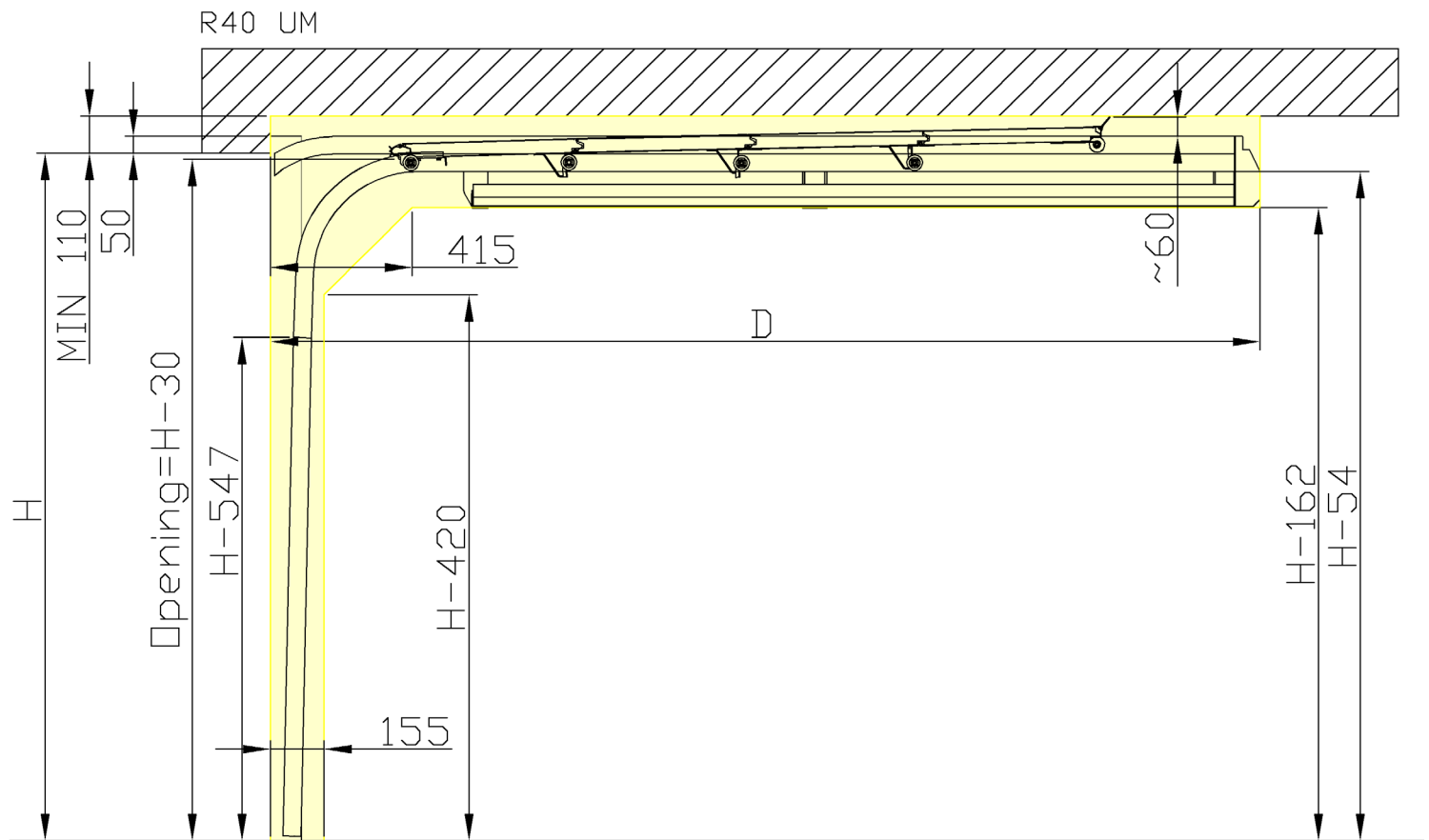


Same colour painted various parts may look unlike due to different basis material and surface structure.

UM

Double horizontal track, springs mounted under tracks

Standard option



Headroom:	Option	Horizontal track length D * (fitting depth)	Option
With top weather seal on panel: 110 mm (manual operation), 140 mm (electric operation)	Standard	Opening H	D
With top weather seal on lintel (13020 on page 27) 90 mm (manual operation), 130 mm (electric operation)	Free	mm	mm
		≤2070	2680
		2071-2270	2880
		2271-2400	3007
		2401-2500	3260

Min sideroom : 80 mm

Max daylight opening:

without electric operator **H - 120 mm**

with operator **H - 30 mm**

Min headroom additional limitations

With universal lock - min headroom **95 mm**

With knob lock - min headroom **100 mm**



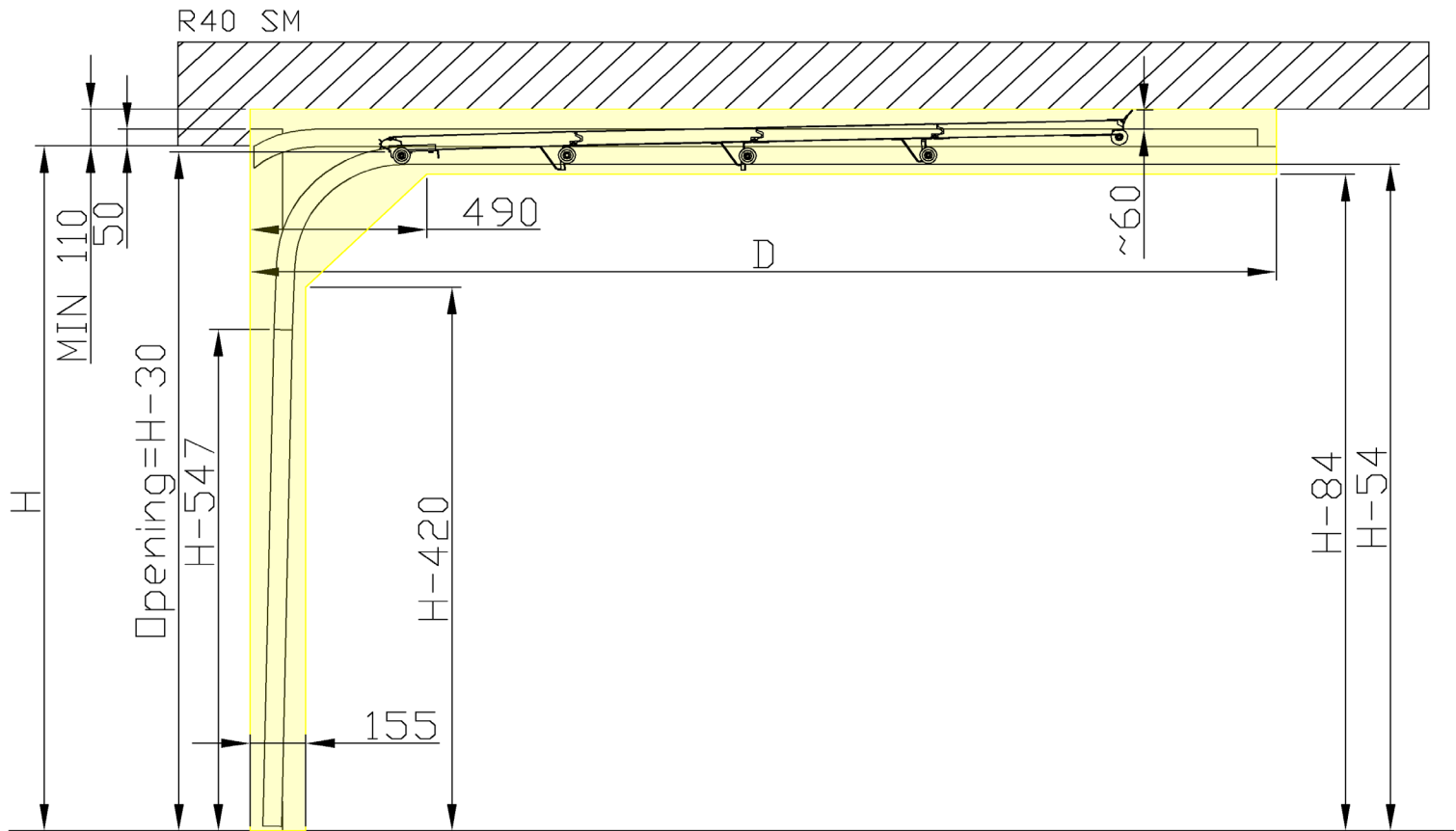
Different R40 tracks can be combined on one door.

For mixed tracks on one door add **£72**

SM

Double horizontal track, springs mounted under tracks

Standard option



Headroom:	Option	Horizontal track length D* (fitting depth)	Option
With top weather seal on panel: 110 mm (manual operation), 140 mm (electric operation)	Standard	Opening H	D
With top weather seal on lintel (13020 on page 27) 90 mm (manual operation), 130 mm (electric operation)	Free	mm	mm
With top weather seal on lintel (13020) and LHR top brackets (18023) and old side brackets (18002) 70 mm (manual operation), 110 mm (electric operation) Additional conditions apply - consult manufacturer	£25	≤2070	2720
		2071-2270	2920
		2271-2400	3047
		2401-2500	3300

Min sideroom : 80 mm/ 150 mm see drawing below

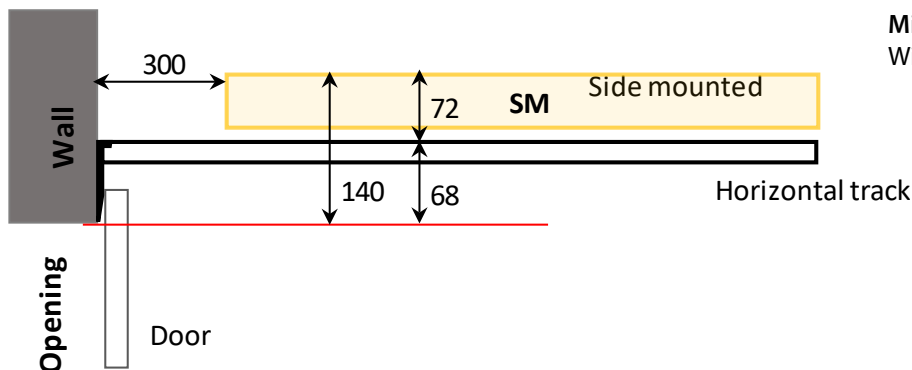
Aerial cross-cut view for SM model only

Max daylight opening:

without electric operator H -120 mm
with operator H -30 mm

Min headroom additional limitations

With universal lock - min headroom 95 mm

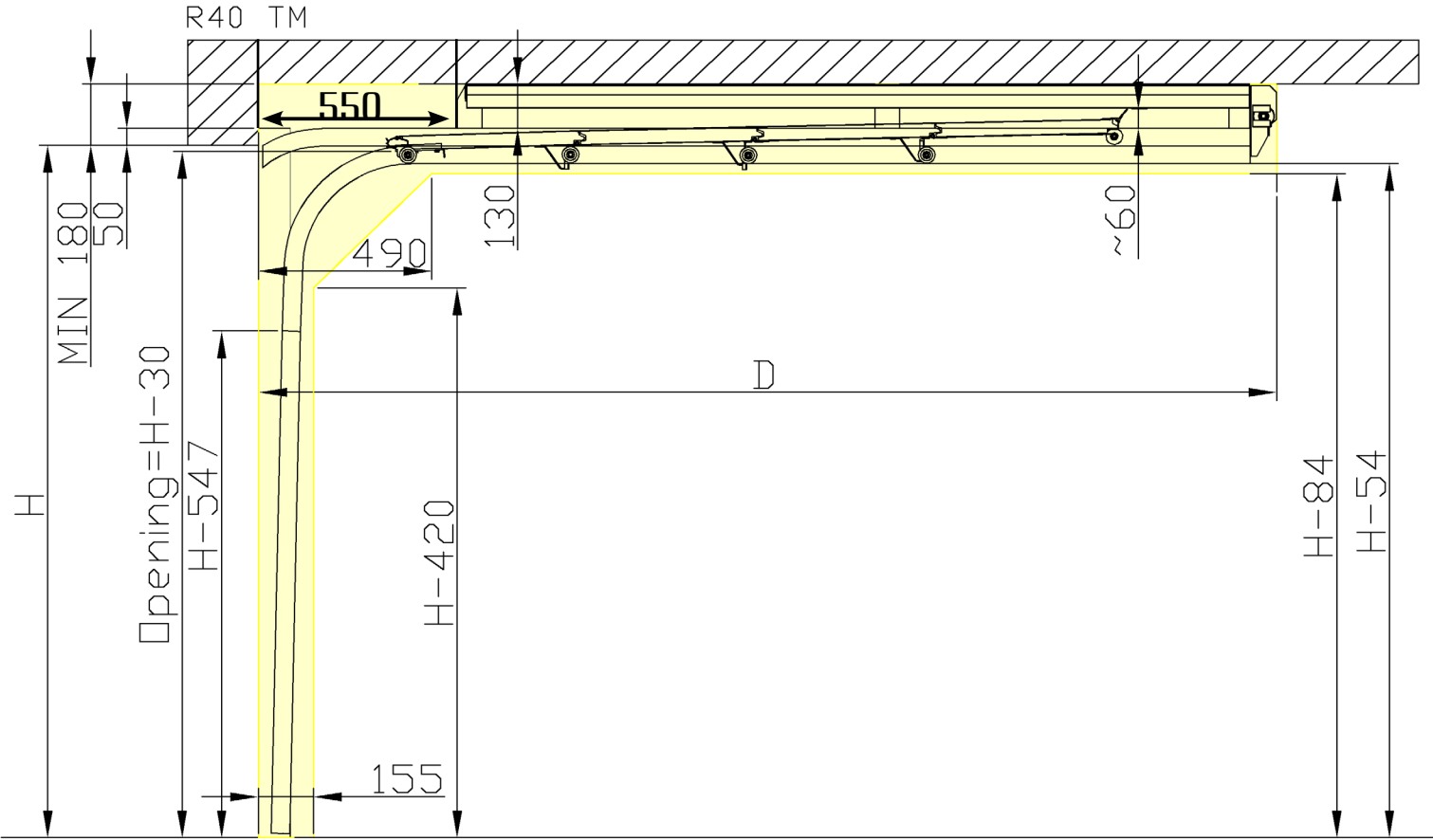


Different R40 tracks can be combined on one door.
For mixed tracks on one door add £72

TM

Double horizontal track, springs mounted under tracks

Standard option



Headroom 180 mm
Standard option for manual and electric operation

Min sideroom : 80 mm

Max daylight opening:
without electric operator **H - 120 mm**
with operator **H - 30 mm**

Horizontal track length D* (fitting depth)	Option
Opening H	D
mm	mm
≤2125	2880
2126-2250	3007
2251-2500	3260

* Door tracks, for operator check specifications

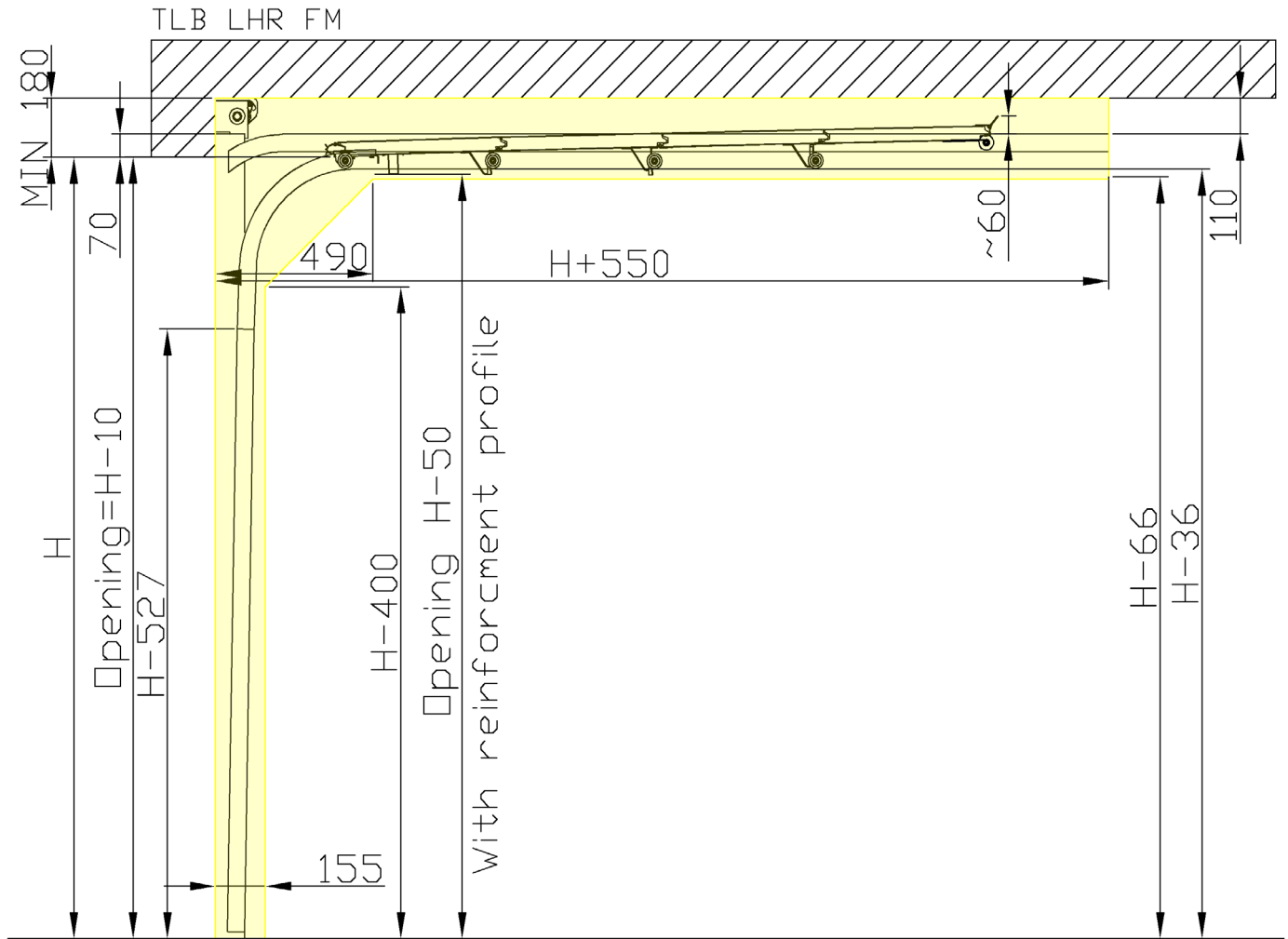


Different R40 tracks can be combined on one door.
For mixed tracks on one door add **£72**

LHR FM

Double horizontal track, springs front mounted

Standard option



Min headroom 180 mm

Standard option for manual and electric operation

Fitting depth: $D = H + 550\text{mm}$

Door tracks, for operator check specifications

Min sideroom : 90 mm (recommended 100 mm)

Max daylight opening:

without electric operator **H -130 mm**

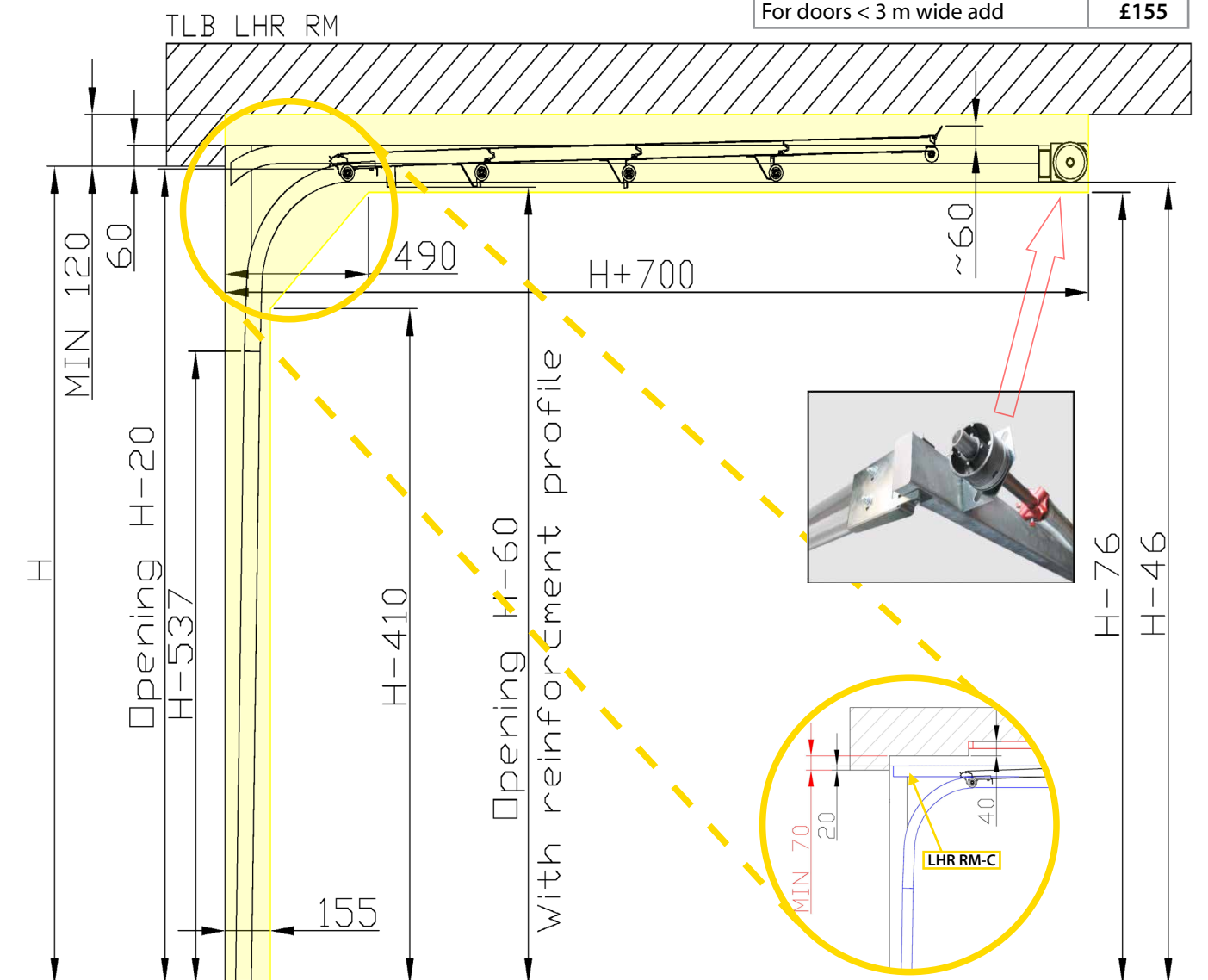
with operator **H -10 mm**

Extra **-40 mm** for door with Ω reinforcement profile
(for door >5000 mm wide or door with wicket door)

LHR RM

Double horizontal track, springs rear mounted

PRICE	
For doors < 3 m wide add	£126
For doors < 3 m wide add	£155



Headroom:	Option
With top weather seal on panel: 120 mm (manual operation), 150 mm (electric operation)	Standard
With top weather seal on lintel (13020 on page 27) 90 mm (manual operation), 130 mm (electric operation)	Free
LHR-RM -C (compact) tracks with the straight upper guiding rail. Electric operation only. Doors up to 3.5 m wide. Top weather seal on lintel. Daylight opening H-60mm (straight connection rod & motor head ≤ 150mm) 110 mm incl. 40 mm for motor guiding rail	Free

Fitting depth: $D = H + 700\text{mm}$
By default for doors with Sommer motors
 $D = H + 1100\text{mm}$

Min sideroom : 90 mm (recommended 100 mm)

Max daylight opening:

without electric operator **H -160 mm**

with operator **H -20 mm**

Extra -40 mm for door with Ω reinforcement profile
($W > 5\text{ m}$ or wicket door)

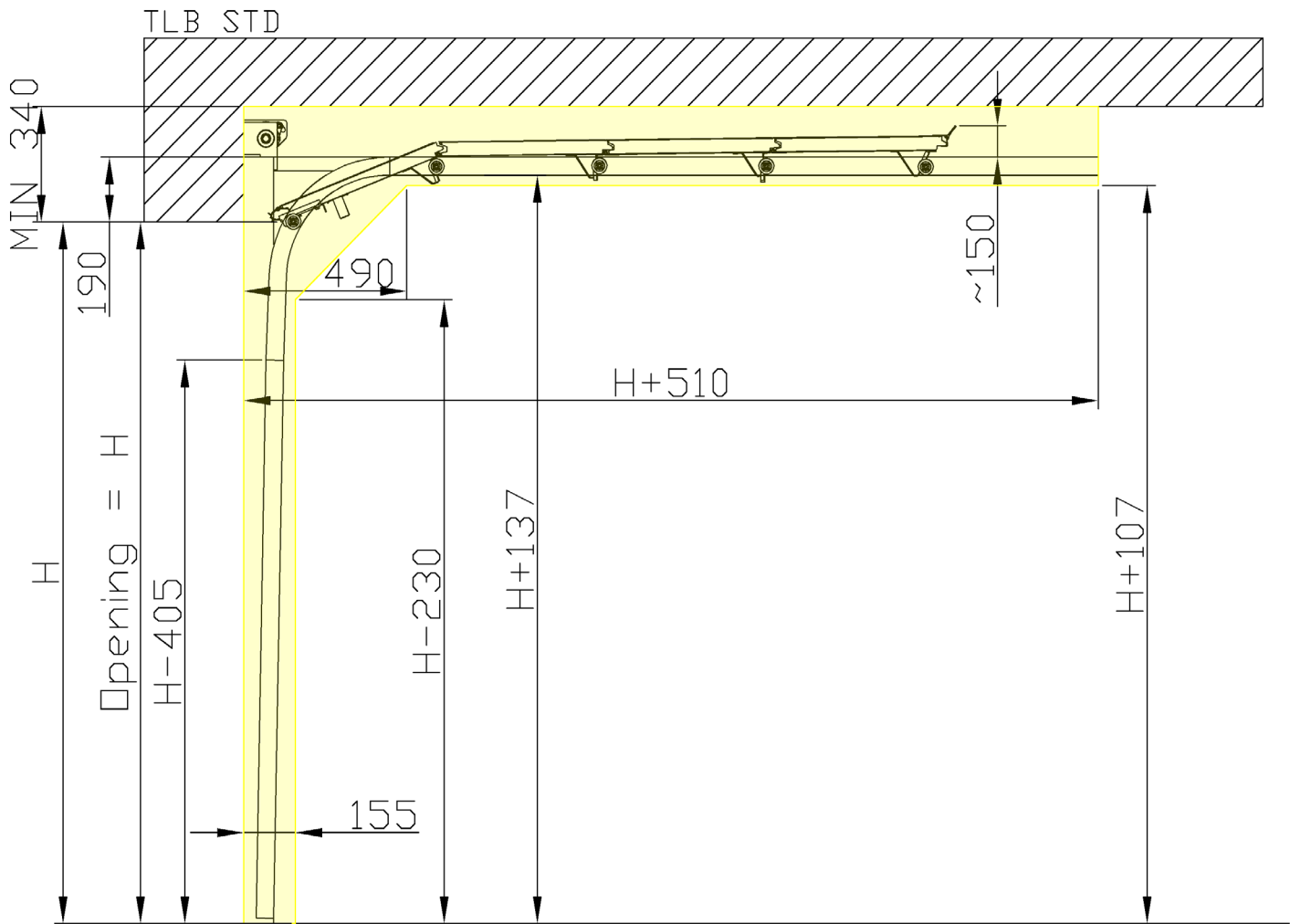
Min headroom additional limitations

With wicket door - min headroom **105 mm**

STD

Single horizontal track, spring front mounted

Free option



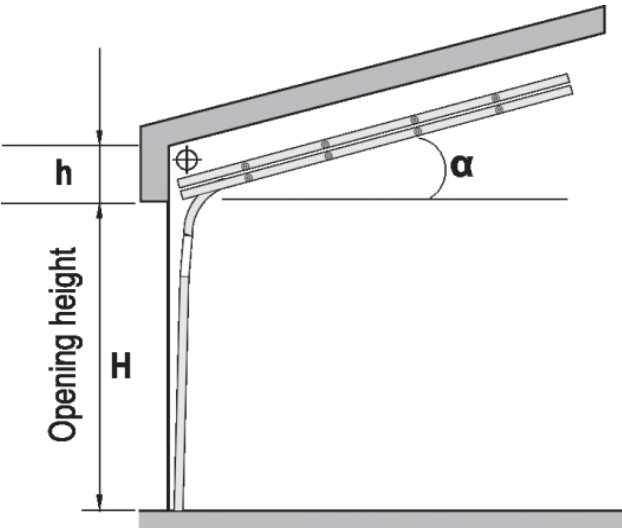
Headroom
for manual operation 340 mm
form electric operation 370 mm

Fitting depth: D = H + 510 mm
Door tracks, for operator check specifications

Min sideroom: 90 mm (recommended 100 mm)

Daylight opening: H

+PR Tracks following pitch roof slope

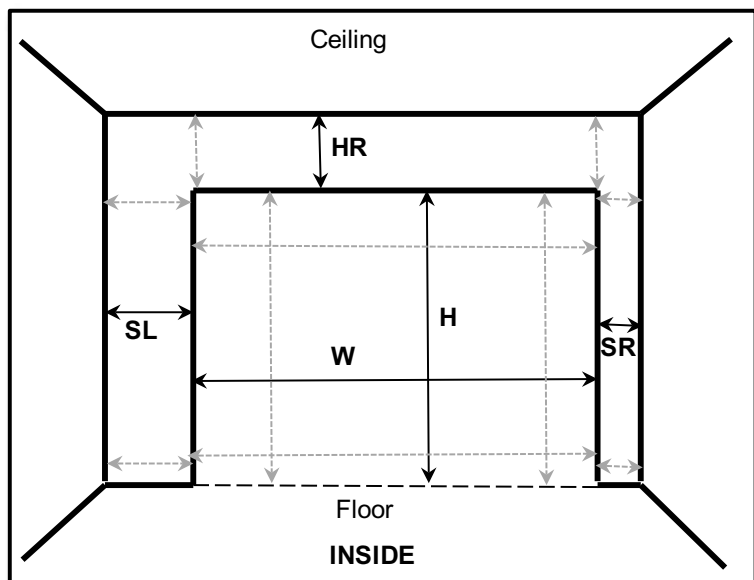


Angle	PRICE:	Available combinations
<15°	£133	FM+PR, STD+PR, RM+PR
<30°	£217	FM+PR, STD+PR

Min required headroom may vary depending on slope angle and door height. Please check 'Ryterna Technical Data Garage Doors' for required min headroom for specific door.

 For custom designed garage door track systems ask manufacturer

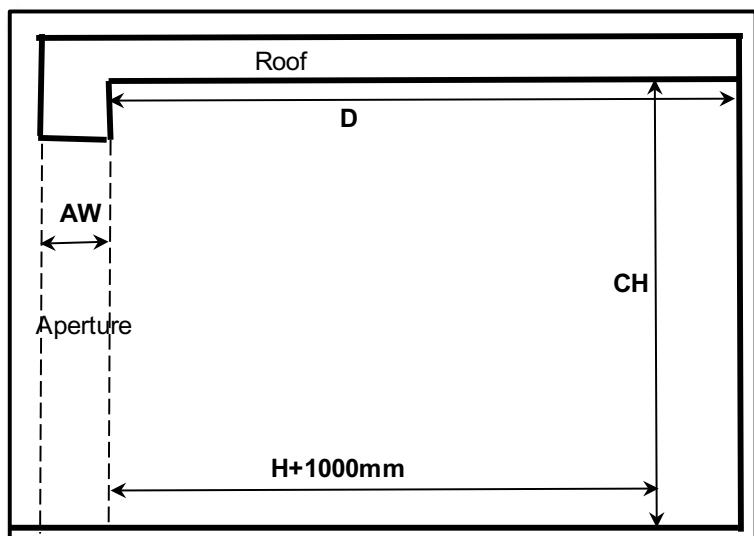
Site Survey Form



Aperture view

	(mm)	min	max
W	Width		
H	Height		
HR	Headroom		
SL	Sideroom left		
SR	Sideroom right		

For fitting Behind wall W and H must be measured on the inner side of wall. For fitting In between - W and H must be measured in fitting place.



Side view

	(mm)**	min	max
D*	Depth		
CH**	Ceiling height		
AW	Wall thickness		

* **D** must be measured on top of lintel.

**** CH** must be measured on left and right sides of the garage.

Check for: a) windows and doors on side walls (position, height, opening direction); b) additional lintels on ceiling, columns, pillars on side walls; c) pipes and cables on HR, SL, SR wall; d) sloping driveway and ceiling; e) take in to account if floor is missing or existing floor level will be changed; f) check if surfaces on HR, SL, SR walls are level / plumb, floor is level.

Comments and additional drawings:

[illegible]

[illegible]

[illegible]

[illegible]

