

NEW KSI & MZ Thermo Doors



Series 2000 Entrance Door Price List

14.7.2014



Hörmann International Sales Organisations



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International sales partners



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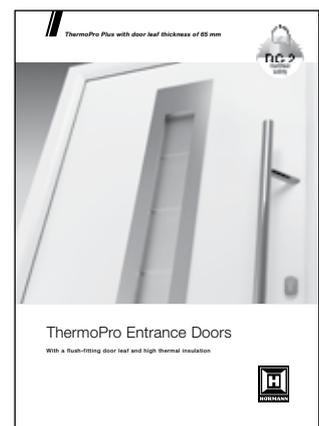
ThermoPro / ThermoPro Plus Entrance Doors

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For further information on ThermoPro
and ThermoPro Plus entrance doors
see our brochure.



ThermoPro Entrance Doors

Entrance door programme

Product description

// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Product description	Steel ThermoPro TPS																										
	010	015	020	025	030	040	100	200	400	700	750	900															
Door leaf structure																											
Smooth sheet "Modern"	●		●		●	●				●	●	●															
Ribbed sheet "Modern"		●		●																							
Panelled sheet "Classic"							●	●	●																		
Door leaf thickness	46 mm thick																										
Fully foamed With thermal break Exterior and interior overlapping the leaf	●	●	●	●	●	●	●	●	●	●	●	●															
Size ranges (see also page 4)																											
Standard sizes (overall frame size)	1000 × 2100 mm and 1100 × 2100 mm																										
Special sizes (overall frame size)	"Modern" type A						"Classic"			"Modern" type B																	
875 – 1250 mm width 1875 – 2250 mm height	●	●				●																					
875 – 1250 mm width 1990 – 2250 mm height			●	●	●					●	●	●															
875 – 1100 mm width 1990 – 2186 mm height							●	●	●																		
Surface																											
Standard	<ul style="list-style-type: none"> Painted in Traffic white on both sides, based on RAL 9016 Silk matt, gloss level 35 – 40 % 																										
Colour	<ul style="list-style-type: none"> 15 preferred colours Painted on both sides, based on the RAL colour chart Silk matt, gloss level 35 – 40 % <table border="0"> <tr> <td>RAL 1015 Light ivory</td> <td>RAL 6005 Moss green</td> <td>RAL 8028 Terra brown</td> </tr> <tr> <td>RAL 3000 Flame red</td> <td>RAL 7016 Anthracite grey</td> <td>RAL 9001 Cream</td> </tr> <tr> <td>RAL 3003 Ruby red</td> <td>RAL 7035 Light grey</td> <td>RAL 9002 Grey white</td> </tr> <tr> <td>RAL 5010 Gentian blue</td> <td>RAL 7040 Window grey</td> <td>RAL 9006 White aluminium</td> </tr> <tr> <td>RAL 5014 Pigeon blue</td> <td>RAL 8003 Clay brown</td> <td>RAL 9007 Grey aluminium</td> </tr> </table>												RAL 1015 Light ivory	RAL 6005 Moss green	RAL 8028 Terra brown	RAL 3000 Flame red	RAL 7016 Anthracite grey	RAL 9001 Cream	RAL 3003 Ruby red	RAL 7035 Light grey	RAL 9002 Grey white	RAL 5010 Gentian blue	RAL 7040 Window grey	RAL 9006 White aluminium	RAL 5014 Pigeon blue	RAL 8003 Clay brown	RAL 9007 Grey aluminium
RAL 1015 Light ivory	RAL 6005 Moss green	RAL 8028 Terra brown																									
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RAL 5010 Gentian blue	RAL 7040 Window grey	RAL 9006 White aluminium																									
RAL 5014 Pigeon blue	RAL 8003 Clay brown	RAL 9007 Grey aluminium																									
Foil-coating, both sides	Golden Oak	●	●	●	●	●	●				●	●	●														
	Dark Oak	●	●	●	●	●	●				●	●	●														
	Night Oak	●	●	●	●	●	●				●	●	●														
	Winchester Oak	●	●	●	●	●	●				●	●	●														
	Titan Metallic *	●	●	●	●	●	●				●	●	●														
	Titan Metallic CH 703	●	●	●	●	●	●				●	●	●														
Seals																											
4-sided, double EPDM seals, black, with continuous lip seal in the bottom sheet, additional EPDM form parts in both bottom corners for additional sealing, incl. brush seal in the frame	●	●	●	●	●	●	●	●	●	●	●	●															
Lock																											
Multiple-point locking with main lock (with soft-lock latch) and 2 bolts, pivoting / hook bolt combination	●	●	●	●	●	●	●	●	●	●	●	●															
Lock																											
Electric strike with day catch (separate)	○	○	○	○	○	○	○	○	○	○	○	○															
Security bolts																											
3x anti-leverage guards	●	●	●	●	●	●	●	●	●	●	●	●															
Version in RC 2																											
Attack side = opposite hinge side																											
RC 2 with aluminium frame, hook bolt lock	○	○						○																			
RC 2 with aluminium frame, hook bolt lock and safety glass A3 (P4A)										○	○	○															
Thermal insulation value (in W/(m²·K))																											
► Dependent on the size and frame type	For a product description, see page 2 to 5																										

● Standard
○ Optional

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

ThermoPro Entrance Doors

Entrance door programme

Product description

// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Product description	Steel ThermoPro TPS												
	010	015	020	025	030	040	100	200	400	700	750	900	
Fittings													
Hinges													
- 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look)	●	●	●	●	●	●	●	●	●	●	●	●	●
Door handle (exterior)													
- Exterior handle HB 14-2, brushed stainless steel	●	●	●	●	●	●	●	●	●	○	○	○	
- Exterior handle HB 38-2, brushed stainless steel	○	○	○	○	○	○	○	○	○	●	●	●	
Door handle (interior)													
- Stainless steel lever handle	●	●	●	●	●	●	●	●	●	●	●	●	●
Rose escutcheon (exterior and interior)													
- Oval stainless-steel profile cylinder rose escutcheons	●	●	●	●	●	●	●	●	●	●	●	●	●
Profile cylinders													
- Cylinder length 27.5 x 35.5 mm with 5 keys	●	●	●	●	●	●	●	●	●	●	●	●	●
Glazing frame													
• Round-style plastic, clipped			●	●	●	●							
• Profile-style plastic, clipped - With surface-mounted plastic rails								●	●				
• Stainless steel, bonded										●	●	●	
Glazing													
• Double-pane insulated glazing, 26 mm thick, exterior laminated safety glass – interior Mastercarré single-pane safety glass			●	●	●								
• Double-pane insulated glazing, 26 mm thick, exterior laminated safety glass – interior single-pane safety ornamental glass 504 with fine structure						●							
• Double-pane insulated glazing, 26 mm thick, exterior single-pane safety glass – interior single-pane safety cathedral glass with small hammered finish								●					
• Double-pane insulated glazing, 26 mm thick, exterior laminated safety glass – interior single-pane safety cathedral glass with small hammered finish									●				
• Triple-pane insulated glazing, 44 mm thick, exterior laminated safety glass / float sandblasted with clear stripes – interior single-pane safety glass										●	●	●	
Frame													
• Aluminium block frame with aluminium / plastic threshold, with thermal break, colour matching the door leaf	●	●	●	●	●	●	●	●	●	●	●	●	●
Side element / transom light													
• For doors opening inwards	○	○	○	○	○	○	○	○	○	○	○	○	○

● Standard
○ Optional

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Note:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building in your consultation meeting. This will ensure trouble-free door operation.

ThermoPro Entrance Doors

Entrance door programme

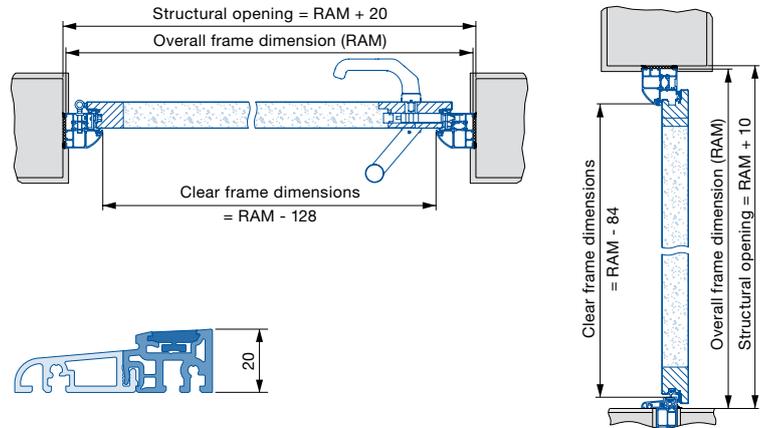
Technical presentation of door set



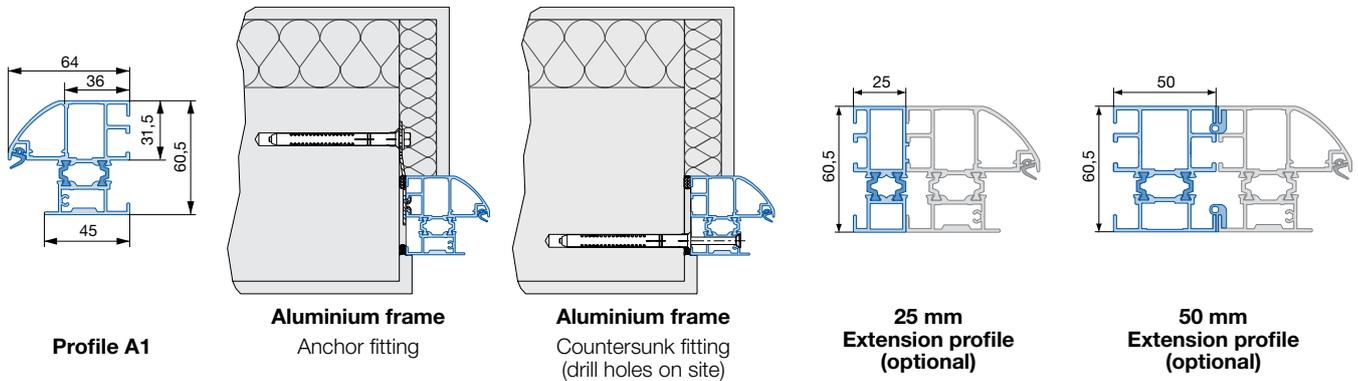
TPS entrance doors with aluminium frame (profile A1 shown in the drawing)

Standard sizes		
Overall frame dimension ordering size	Structural opening	Clear frame dimensions
1000 x 2100	1020 x 2110	872 x 2016
1100 x 2100	1120 x 2110	972 x 2016

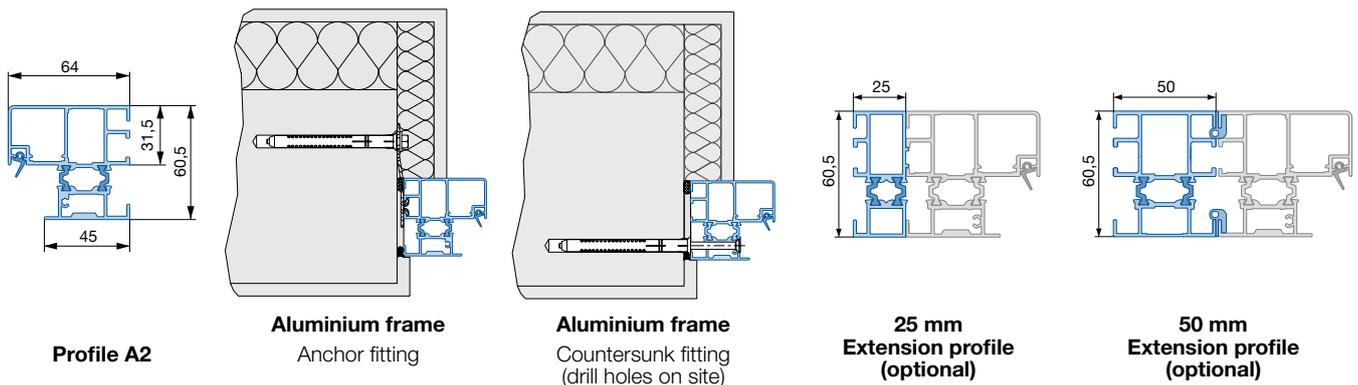
Special sizes		
TPS styles	Overall frame dimension	
	Width	Height
010/015/040	875 - 1250	1875 - 2250
020/025/030	875 - 1250	1990 - 2250
100/200/400	875 - 1100	1990 - 2186
700/750/900	875 - 1250	1990 - 2250



Wall connections for frames



Wall connections for frames



ThermoPro Entrance Doors

Entrance door programme

Technical presentation of door set with side element / transom light



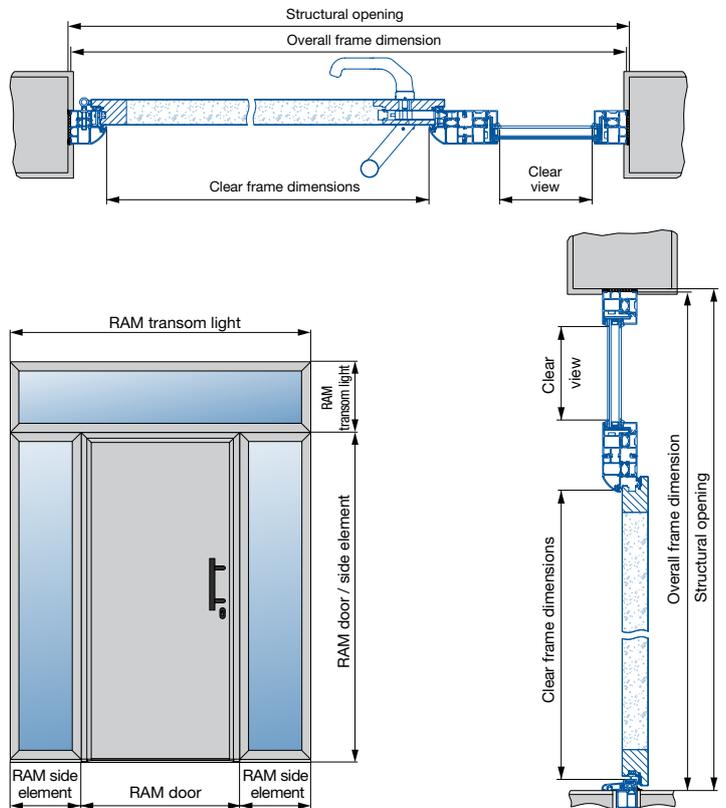
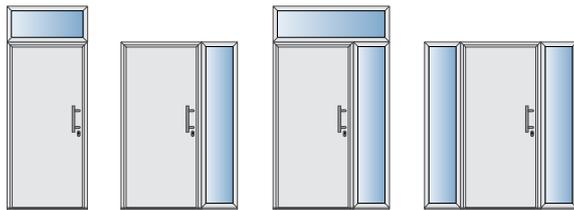
TPS entrance doors with side element / transom light

Standard sizes – Side element		
TPS styles	Overall frame dimension	
	Width	Height
010/015/020/025/030/040/700/750/900	400	2100
100/200/400	450	2100

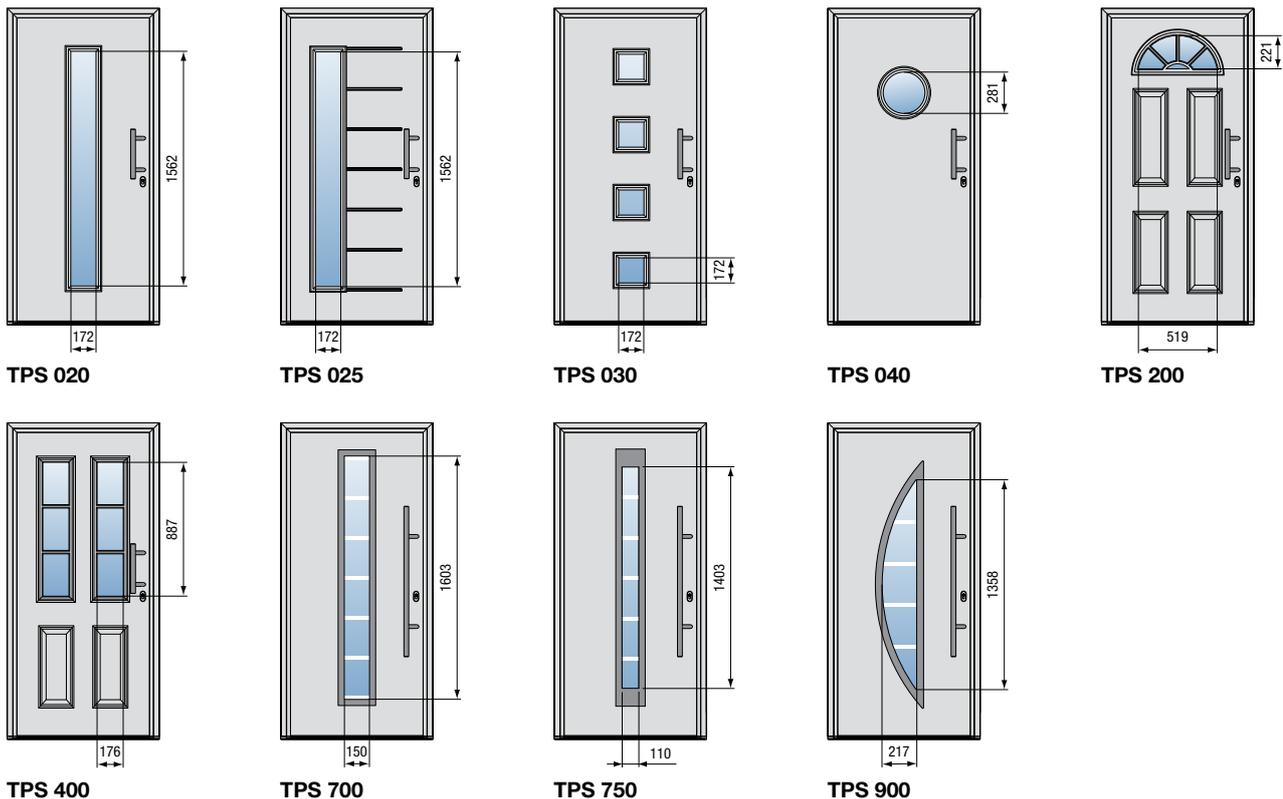
Special sizes – Side element		
TPS styles	Overall frame dimension	
	Width	Height
010/015/040	See pages 12 and 13	
020/025/030/700/750/900		
100/200/400		

Size range – Transom light		
TPS styles	Overall frame dimension	
	Width	Height
All styles	See page 12	

Clear view		
	Width	Height
Side element	RAM side element – 116	RAM side element – 138
Transom light	RAM transom light – 116	RAM transom light – 116



Clear view for styles with glazing



Steel ThermoPro Entrance Doors

Entrance door programme

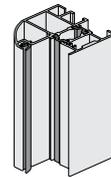
// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



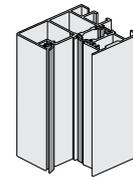
For a product description, see from page 2

- Steel door leaf overlapping the frame, with thermal break, exterior and interior in same colour
- Aluminium frame
- Multiple-point lock

Colour 15 preferred colours (see page 2)
Decor Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic** / Titan Metallic CH 703



Profile A1



Profile A2

View	Style description	Size (RAM)	RAL 9016	Colour	Decor	RAL 9016	Colour	Decor
	Style TPS 010 <ul style="list-style-type: none"> • Smooth sheet • Handle HB 14-2 	1000 × 2100	874	1052	1086	925	1103	1137
		1100 × 2100						
		from 875 × 1875 up to 1250 × 2250	1158	1336	1370	1209	1387	1421
▶ U _D -value for size 1230 × 2180 mm: approx. 1.1 W/(m ² ·K)								
	Style TPS 015 <ul style="list-style-type: none"> • Ribbed sheet • Handle HB 14-2 	1000 × 2100	939	1117	1152	990	1168	1203
		1100 × 2100						
		from 875 × 1875 up to 1250 × 2250	1224	1402	1437	1275	1453	1488
▶ U _D -value for size 1230 × 2180 mm: approx. 1.1 W/(m ² ·K)								
	Style TPS 020 <ul style="list-style-type: none"> • Smooth sheet • 2 panes of insulated glass, Mastercarré single-pane safety glass and clear laminated safety glass • Plastic glazing frame in door leaf colour (exception: decor surface finish*) • Handle HB 14-2 	1000 × 2100	1197	1587	1622	1248	1638	1673
		1100 × 2100						
		from 875 × 1990 up to 1250 × 2250	1481	1871	1906	1532	1922	1957
▶ U _D -value for size 1230 × 2180 mm: approx. 1.4 W/(m ² ·K)								
	Style TPS 025 <ul style="list-style-type: none"> • Ribbed sheet • 2 panes of insulated glass, Mastercarré single-pane safety glass and clear laminated safety glass • Plastic glazing frame in door leaf colour (exception: decor surface finish*) • Handle HB 14-2 	1000 × 2100	1261	1651	1686	1312	1702	1737
		1100 × 2100						
		from 875 × 1990 up to 1250 × 2250	1546	1936	1971	1597	1987	2022
▶ U _D -value for size 1230 × 2180 mm: approx. 1.4 W/(m ² ·K)								
	Style TPS 030 <ul style="list-style-type: none"> • Smooth sheet • 2 panes of insulated glass, Mastercarré single-pane safety glass and clear laminated safety glass • Plastic glazing frame in door leaf colour (exception: decor surface finish*) • Handle HB 14-2 	1000 × 2100	1264	1654	1689	1315	1705	1740
		1100 × 2100						
		from 875 × 1990 up to 1250 × 2250	1549	1939	1974	1600	1990	2025
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								
	Style TPS 040 <ul style="list-style-type: none"> • Smooth sheet • 2 panes of insulated glass, single-pane safety ornamental glass 504 with fine structure and clear laminated safety glass • Plastic glazing frame in door leaf colour (exception: decor surface finish*) • Handle HB 14-2 	1000 × 2100	1173	1563	1598	1224	1614	1649
		1100 × 2100						
		from 875 × 1875 up to 1250 × 2250	1458	1848	1883	1509	1899	1934
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								

* For decor door surface finishes, the plastic glazing frames are coated in a colour matching the decor.

** The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Accessories and optional extras

See from page 8

Steel ThermoPro Entrance Doors

Entrance door programme

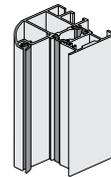
// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



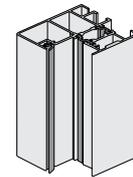
For a product description, see from page 2

- Steel door leaf overlapping the frame, with thermal break, exterior and interior in same colour
- Aluminium frame
- Multiple-point lock

Colour 15 preferred colours (see page 2)
Decor Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic**/Titan Metallic CH 703



Profile A1



Profile A2

View	Style description	Size (RAM)	RAL 9016	Colour	Decor	RAL 9016	Colour	Decor
	Style TPS 100 <ul style="list-style-type: none"> • Panelled sheet • Handle HB 14-2 	1000 × 2100 1100 × 2100	898	1076	-	949	1127	-
		from 875 × 1990 up to 1100 × 2186						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.1 W/(m ² ·K)								
	Style TPS 200 <ul style="list-style-type: none"> • Panelled sheet • 2 panes of insulated glass, cathedral single-pane safety glass with small hammered finish and clear single-pane safety glass • Plastic glazing frame with surface-mounted rails • Handle HB 14-2 	1000 × 2100 1100 × 2100	989	1379	-	1040	1431	-
		from 875 × 1990 up to 1100 × 2186						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								
	Style TPS 400 <ul style="list-style-type: none"> • Panelled sheet • 2 panes of insulated glass, cathedral single-pane safety glass with small hammered finish and clear laminated safety glass • Plastic glazing frame with surface-mounted rails • Handle HB 14-2 	1000 × 2100 1100 × 2100	1058	1448	-	1109	1499	-
		from 875 × 1990 up to 1100 × 2186						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.4 W/(m ² ·K)								
	Style TPS 700 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100 1100 × 2100	1563	1741	1776	1614	1792	1827
		from 875 × 1990 up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								
	Style TPS 750 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100 1100 × 2100	1563	1741	1776	1614	1792	1827
		from 875 × 1990 up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								
	Style TPS 900 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100 1100 × 2100	1704	1882	1917	1755	1933	1968
		from 875 × 1990 up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 1.2 W/(m ² ·K)								

** The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

ThermoPro Entrance Doors

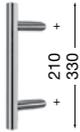
Entrance door programme

Accessories



Exterior door handles (included in door price) £

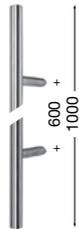
Handle HB 14-2



- Brushed stainless steel
- Standard with styles TPS 010, TPS 015, TPS 020, TPS 025, TPS 030, TPS 040, TPS 100, TPS 200 and TPS 400

Surcharge for conversion of handle HB 14-2 to handle HB 38-2	102
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Handle HB 38-2

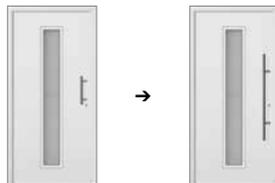


- Brushed stainless steel
- Standard with styles TPS 700, TPS 750 and TPS 900

Surcharge for conversion of handle HB 38-2 to handle HB 14-2	102
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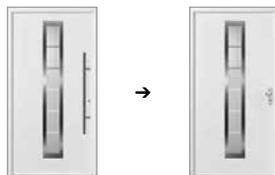
Calculation example £

**Conversion
TPS 020 with HB 14-2
to
HB 38-2**



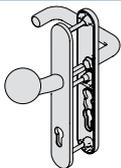
Style TPS 020 in RAL 9016 with profile A1 (standard size)	1197
+ Conversion from handle HB 14-2 to handle HB 38-2	102
= Total	1299

**Conversion
TPS 700 with HB 38-2
to
Fitting ES1**



Style TPS 700 in RAL 9016 with profile A1 (standard size)	1563
+ Surcharge for ES1 aluminium knob / lever fitting	276
= Total	1839

ES0 fittings Including profile cylinder with 5 keys Surcharges £



Knob / lever

Stainless steel	Each	102
-----------------	------	------------

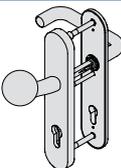


Lever / lever

Stainless steel	Each	102
-----------------	------	------------

ES1 fittings Including profile cylinder with 5 keys Surcharges £

Note: ES1 fittings are only possible from a RAM of 900 mm for style TPS 400.



Knob / lever

Stainless steel	Each	276
-----------------	------	------------



Lever / lever

Stainless steel	Each	276
-----------------	------	------------

ThermoPro Entrance Doors

Entrance door programme

Accessories



Advanced handle and letter plate options for styles TPS 100, TPS 200 and TPS 40				£
Gold or silver aluminium sleeved letter plate only TPS 100, TPS 200 and TPS 400				35
Gold or silver lever set tested to PAS 24 with drill resistant cylinder escutcheon only TPS 100, TPS 200 and TPS 400				40
Gold or silver outside knob inside lever only TPS 100, TPS 200 and TPS 400				36
Gold or silver outside knob inside lever tested to PAS 24 with drill resistant cylinder escutcheon only TPS 100, TPS 200 and TPS 400				48
Profile cylinders				£
	Profile cylinder (27.5 + 35.5 mm) For HB 14-2 and HB 38-2 push bars	with 8 keys	Each	43
		with 10 keys	Each	52
	Profile cylinder (31.5 + 40.5 mm) For ES0 fittings	with 5 keys	Each	29
		with 8 keys	Each	43
		with 10 keys	Each	52
	Profile cylinder (31.5 x 40.5 mm), with drilling and pull-off protection For ES1 fittings:	with 5 keys	Each	65
with 8 keys		Each	90	
with 10 keys		Each	113	
Profile cylinder, keys to pass, with drilling and pull-off protection with security card	with 5 keys	Each	86	
	with 8 keys	Each	111	
	with 10 keys	Each	135	
Note:				
No keys to pass for the profile cylinder from the fitting package.				

Rose escutcheon				£
	Exterior oval rose escutcheon (screwed)	Each	37	

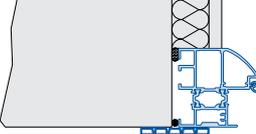
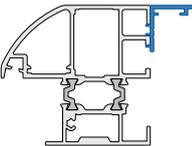
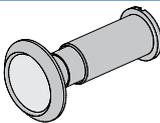
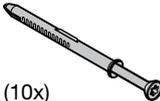
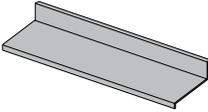
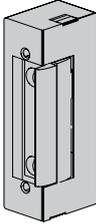
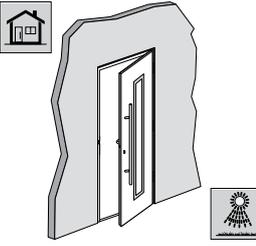
Profiles				£	
	Bottom spacer profile	Length up to 1250 mm	Height 30 mm	Each	19
			Height 60 mm	Each	37
			Height 90 mm	Each	56
			Height 120 mm	Each	74
			Height 150 mm	Each	92
		Length up to 2250 mm	Height 30 mm	Each	33
			Height 60 mm	Each	66
			Height 90 mm	Each	99
			Height 120 mm	Each	131
			Height 150 mm	Each	164
		Length up to 3250 mm	Height 30 mm	Each	47
			Height 60 mm	Each	94
			Height 90 mm	Each	141
			Height 120 mm	Each	188
Height 150 mm	Each		235		
	Extension profile 25 mm	RAL 9016	Per m	41	
	Colour		Per m	50	
	Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703		Per m	53	
	Extension profile 50 mm	RAL 9016	Per m	46	
	Colour		Per m	55	
	Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703		Per m	58	

ThermoPro Entrance Doors

Entrance door programme

Accessories



Profiles		£
	Cover profile Per package 2 x 2300 mm and 1 x 1300 mm Dimensions (W x D): 50 x 5 mm Profiles sufficient for a door without side elements	RAL 9016 Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic* / Titan Metallic CH 703
		Per box 94
		Per box 126
* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.		
	Supplementary profile Width 20 mm, mitred, incl. corner bracket and fitting screws	RAL 9016
		Each 195
		RAL 6005, RAL 7016
		Each 246
Accessories		£
	Spyhole Height approx. 1550 mm from FFL (only for TPS 010 and TPS 100)	Each 45
 (10x)	Fitting set 10 x screws and 10 x plugs	Per set 20
	Rain canopy Anodised aluminium	Each 20
	Electric strike with day catch (separate)	Each 63
	Door set opening outwards (all approved characteristics will no longer apply!)	Per door 60
	Stainless steel cleaner and care product (150 ml)	Each 25
	Pre-compressed sealing strip (56 mm wide) for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting)	Per roll 68

ThermoPro Entrance Doors

Entrance door programme

Accessories



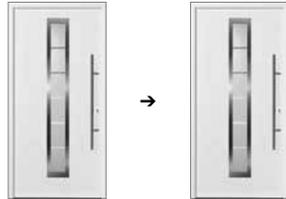
Entrance door in RC 2 version (for a product description, see page 14) £

Attack side = opposite hinge side

			Package HB 14-2 with security rose escutcheon	Stainless steel	Per door	217
TPS 010	TPS 015	TPS 100	ES1 fittings	Knob / lever	Stainless steel	276
				Lever / lever	Stainless steel	276
			Package HB 38-2 with security rose escutcheon	Stainless steel	Per door	327
TPS 700	TPS 750	TPS 900	ES1 fittings	Knob / lever	Stainless steel	387
				Lever / lever	Stainless steel	387

Example for calculating an entrance door in an RC 2 version £

**Conversion
TPS 700 with HB 38-2
to
Package HB 38-2 with
security rose escutcheon**



Style TPS 700 in RAL 9016 with profile A1 (standard size)	1563
+ Conversion for package HB 38-2 with security rose escutcheon	327
= Total	1890

ThermoPro Entrance Doors

Entrance door programme

Side elements and transom lights

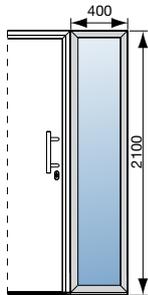
// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Side element

Fixed side element assembly

Standard size



Ordering sizes RAM (mm) Width x height	Glass	RAL 9016	Colour	Decor
400 x 2100	Mastercarré	602	699	732
	Clear glass	602	699	732
	Sandblasted float	602	699	732
	Ornamental glass 504	602	699	732
	Cathedral glass	602	699	732

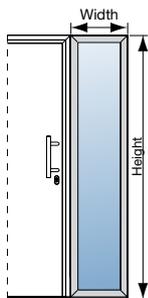
Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Side element

Fixed side element assembly

Special sizes



Ordering sizes RAM up to (mm) Width x height	Glass	RAL 9016	Colour	Decor
From 300 x 1875 to 500 x 2250 to 1000 x 2250 *	Glass in accordance with the overview on page 13	707	811	838
		986	1114	1117

* Only possible without transom light

Door set with side element does not have a statics function. Statics must be ensured by the building structure.

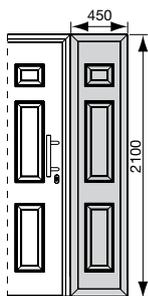
Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Side element

Fixed side element assembly for "Classic" styles

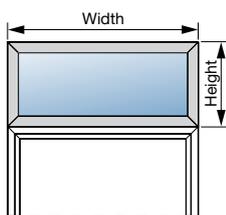
Special size



Ordering sizes RAM (mm) Width x height	Panel / glass	RAL 9016	Colour
From 450 x 1990 to 450 x 2186	Panel <u>without</u> glass in accordance with the overview on page 13	520	617
From 450 x 1990 to 450 x 2186	Panel <u>with</u> glass in accordance with the overview on page 13	575	672

Transom light

Fixed transom light assembly



Ordering sizes RAM (mm) Width x height	Glass	RAL 9016	Colour	Decor
From 875 x 300 to 1250 x 500 to 1750 x 500 to 2250 x 500	Glass in accordance with the overview on page 13	566	664	697
		711	810	842
		852	950	982

Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

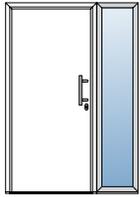
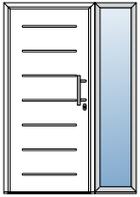
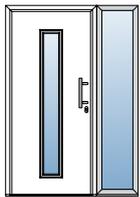
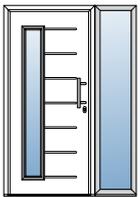
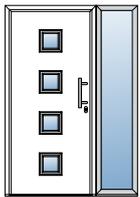
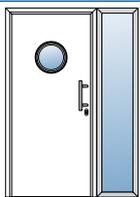
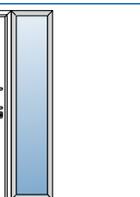
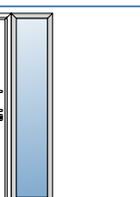
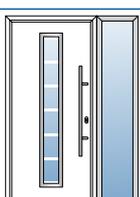
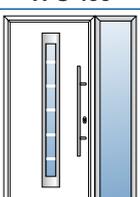
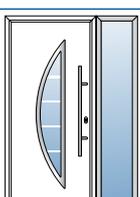
ThermoPro Entrance Doors

Entrance door programme

Overview of panels / glass for side elements



Infill / size range

	Style			Glass	Size range	
					Side element	Transom light
"Modern" type A				1. Clear lamin. safety glass / Mastercarré single-pane safety glass 2. Clear lamin. safety glass / single-pane safety ornamental glass 504 3. Clear laminated safety glass / sand-blasted laminated safety glass (without clear stripes) 4. Clear laminated safety glass / clear laminated safety glass	Width 300 – 1000 mm Height 1875 – 2250 mm	Width 875 – 2250 mm Height 300 – 500 mm
				1. Clear lamin. safety glass / Mastercarré single-pane safety glass 2. Clear laminated safety glass / clear laminated safety glass	Width 300 – 1000 mm Height 1990 – 2250 mm	Width 875 – 2250 mm Height 300 – 500 mm
				1. Clear lamin. safety glass / single-pane safety ornamental glass 504 2. Clear laminated safety glass / clear laminated safety glass	Width 300 – 1000 mm Height 1875 – 2250 mm	Width 875 – 2250 mm Height 300 – 500 mm
"Classic"				1. Element with 3 panels 2. Clear laminated safety glass / clear laminated safety glass 3. Clear lamin. safety glass / single-pane safety cathedral glass	Width Panel: 450 mm Glass: 300 – 1000 mm Height 1990 – 2186 mm	Width 875 – 2000 mm Height 300 – 500 mm
				1. Element with 1 panel and glazing cut-out with clear laminated safety glass / single-pane safety cathedral glass 2. Clear laminated safety glass / clear laminated safety glass 3. Clear lamin. safety glass / single-pane safety cathedral glass	Width Panel: 450 mm Glass: 300 – 1000 mm Height 1990 – 2186 mm	Width 875 – 2000 mm Height 300 – 500 mm
"Modern" type B				1. Clear laminated safety glass / sand-blasted laminated safety glass (without clear stripes) 2. Clear laminated safety glass / clear laminated safety glass	Width 300 – 1000 mm Height 1990 – 2250 mm	Width 875 – 2250 mm Height 300 – 500 mm

ThermoPro Plus Entrance Doors

Entrance door programme

Product description

// NEW
Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Product description	Steel ThermoPro Plus TPS Plus																																			
	010	015	700	750	850	900																														
Door leaf structure																																				
Smooth sheet	●		●	●	●	●																														
Ribbed sheet		●																																		
Door leaf thickness	65 mm thick																																			
Fully foamed With thermal break Exterior and interior overlapping the leaf	●	●	●	●	●	●																														
Size ranges (see also page 16)																																				
Standard sizes (overall frame size)	1000 x 2100 mm and 1100 x 2100 mm																																			
Special sizes (overall frame size)	875 – 1250 mm Width 1875 – 2250 mm Height	●	●	●	●	●																														
Surface																																				
Standard	<ul style="list-style-type: none"> Painted in Traffic white on both sides, based on RAL 9016 Silk matt, gloss level 35 – 40 % 																																			
Colour	<ul style="list-style-type: none"> 15 preferred colours Painted on both sides, based on the RAL colour chart Silk matt, gloss level 35 – 40 % <table border="0"> <tr> <td>RAL 1015</td><td>Light ivory</td> <td>RAL 6005</td><td>Moss green</td> <td>RAL 8028</td><td>Terra brown</td> </tr> <tr> <td>RAL 3000</td><td>Flame red</td> <td>RAL 7016</td><td>Anthracite grey</td> <td>RAL 9001</td><td>Cream</td> </tr> <tr> <td>RAL 3003</td><td>Ruby red</td> <td>RAL 7035</td><td>Light grey</td> <td>RAL 9002</td><td>Grey white</td> </tr> <tr> <td>RAL 5010</td><td>Gentian blue</td> <td>RAL 7040</td><td>Window grey</td> <td>RAL 9006</td><td>White aluminium</td> </tr> <tr> <td>RAL 5014</td><td>Pigeon blue</td> <td>RAL 8003</td><td>Clay brown</td> <td>RAL 9007</td><td>Grey aluminium</td> </tr> </table>						RAL 1015	Light ivory	RAL 6005	Moss green	RAL 8028	Terra brown	RAL 3000	Flame red	RAL 7016	Anthracite grey	RAL 9001	Cream	RAL 3003	Ruby red	RAL 7035	Light grey	RAL 9002	Grey white	RAL 5010	Gentian blue	RAL 7040	Window grey	RAL 9006	White aluminium	RAL 5014	Pigeon blue	RAL 8003	Clay brown	RAL 9007	Grey aluminium
RAL 1015	Light ivory	RAL 6005	Moss green	RAL 8028	Terra brown																															
RAL 3000	Flame red	RAL 7016	Anthracite grey	RAL 9001	Cream																															
RAL 3003	Ruby red	RAL 7035	Light grey	RAL 9002	Grey white																															
RAL 5010	Gentian blue	RAL 7040	Window grey	RAL 9006	White aluminium																															
RAL 5014	Pigeon blue	RAL 8003	Clay brown	RAL 9007	Grey aluminium																															
Foil-coating, both sides	Golden Oak	●	●	●	●	●																														
	Dark Oak	●	●	●	●	●																														
	Night Oak	●	●	●	●	●																														
	Winchester Oak	●	●	●	●	●																														
	Titan Metallic*	●	●	●	●	●																														
	Titan Metallic CH 703	●	●	●	●	●																														
Seals																																				
<ul style="list-style-type: none"> Door leaf: 4-sided, double seals Frame: 3-sided seals 	●	●	●	●	●	●																														
Lock																																				
<ul style="list-style-type: none"> Multiple-point locking with main lock (with soft-lock latch) and 2 bolts, pivoting / hook bolt combination Main lock plate with adjustable latch slot Secondary lock plates with eccentric adjustment 	●	●	●	●	●	●																														
Electric strike																																				
Electric strike with day catch (separate)	○	○	○	○	○	○																														
Security bolts																																				
Security strip on the hinge side	●	●	●	●	●	●																														
Version in RC 2																																				
Attack side = hinge side or opposite hinge side																																				
RC 2 with aluminium frame, hook bolt lock and guide rollers	○	○																																		
RC 2 with aluminium frame, hook bolt lock, guide rollers and safety glass P4A			○	○	○	○																														
RC 2 with side element (P4A safety glass)	○	○	○	○	○	○																														
Thermal insulation value (in W/(m²·K))																																				
► Dependent on the size and frame type	For a product description, see page 19																																			

● Standard
○ Optional

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

ThermoPro Plus Entrance Doors

Entrance door programme

Product description

// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Product description	Steel ThermoPro Plus TPS Plus					
	010	015	700	750	850	900
Fittings						
Hinges						
<ul style="list-style-type: none"> 3 two-part guide rollers (180 mm) Three-way adjustable With cover caps (stainless steel look) With securing pins 	●	●	●	●	●	●
Door handle (exterior)						
<ul style="list-style-type: none"> Exterior handle HB 14-2, brushed stainless steel Exterior handle HB 38-2, brushed stainless steel 	● ○	● ○	○ ●	○ ●	○ ●	○ ●
Door handle (interior)						
<ul style="list-style-type: none"> Stainless steel lever handle 	●	●	●	●	●	●
Rose escutcheon (exterior and interior)						
<ul style="list-style-type: none"> Oval stainless-steel profile cylinder rose escutcheons 	●	●	●	●	●	●
Profile cylinders						
<ul style="list-style-type: none"> Cylinder length 40.5 x 40.5 mm With 5 keys With emergency and hazard function 	●	●	●	●	●	●
Glazing frame						
<ul style="list-style-type: none"> Stainless steel, bonded 			●	●	●	●
Glazing						
<ul style="list-style-type: none"> Triple-pane insulated glazing, exterior laminated safety glass / float sand-blasted with clear stripes – interior safety glass 			●	●	●	●
Frames						
<ul style="list-style-type: none"> Aluminium block frame with thermal break (colour matching the door leaf) With aluminium / plastic threshold with thermal break (can be exchanged later) 	●	●	●	●	●	●
Side element / transom light						
<ul style="list-style-type: none"> For doors opening inwards For doors opening outwards 	○ ○	○ ○	○ ○	○ ○	○ ○	○ ○

● Standard
○ Optional

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Note:

For doors with dark surfaces, the material expansion is particularly high. Therefore, please check the location of the door in the building in your consultation meeting. This will ensure trouble-free door operation.

ThermoPro Plus Entrance Doors

Entrance door programme

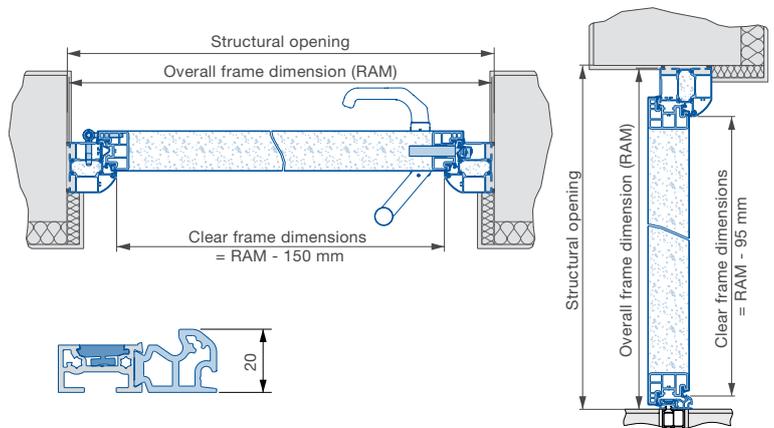
Technical presentation of door set



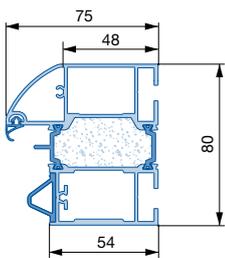
TPS Plus entrance doors with profile A3 aluminium frame

Standard sizes		
Overall frame dimension Ordering size	Clear frame dimensions	Structural opening
1000 x 2100	850 x 2005	1020 x 2110
1100 x 2100	950 x 2005	1120 x 2110

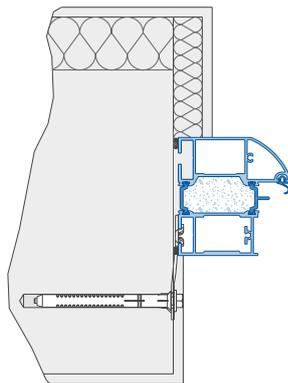
Special sizes		
TPS Plus Styles	Overall frame dimension	
	Width	Height
010/015/700/750/ 850/900	875 - 1250	1875 - 2250



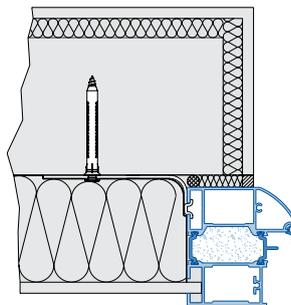
Wall connections for frames



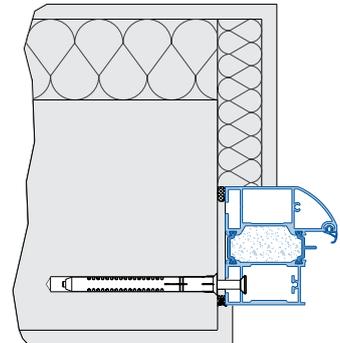
Profile A3



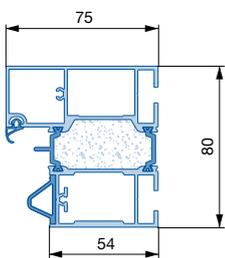
Aluminium frame
Anchor fitting



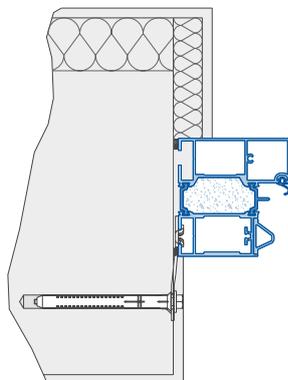
Aluminium frame
Anchor fitting



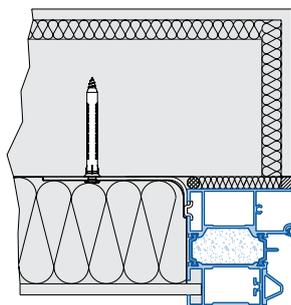
Aluminium frame
Anchor fitting
(drill holes on site)



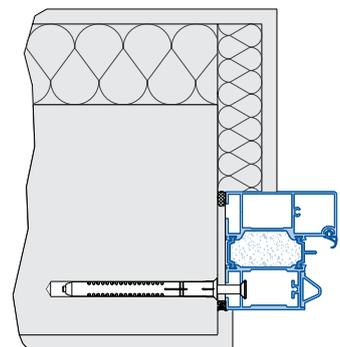
Profile A4



Aluminium frame
Anchor fitting



Aluminium frame
Anchor fitting



Aluminium frame
Anchor fitting
(drill holes on site)

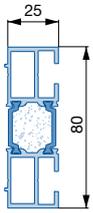
ThermoPro Plus Entrance Doors

Entrance door programme

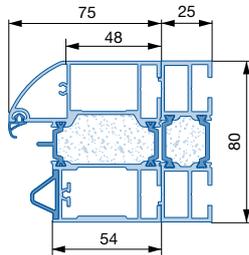
Technical presentation of door set



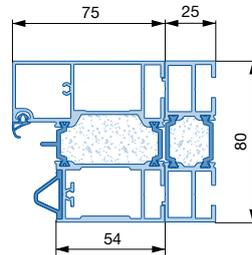
Wall connections for frames



**Extension profile
25 mm**
(optional)

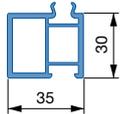


Aluminium frame A3 profile

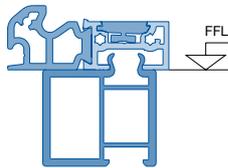


Aluminium frame A4 profile

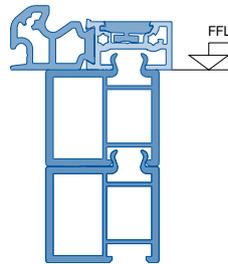
Bottom edge



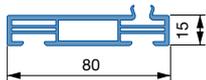
**Bottom spacer
profile**
(optional)



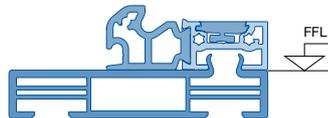
With 1 bottom spacer profile



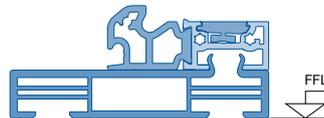
With 2 bottom spacer profiles



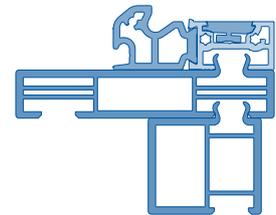
Base frame profile
(optional)



**Base frame profile
under FFL**



**Base frame profile
from FFL**



**Base frame profile
and bottom spacer profile
can be combined**

ThermoPro Plus Entrance Doors

Entrance door programme

Technical presentation of door set with side element / transom light



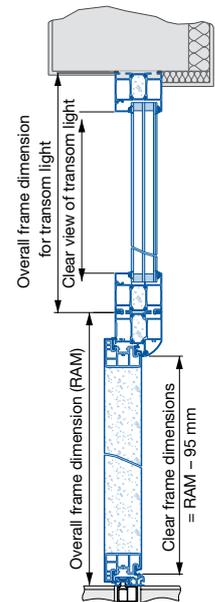
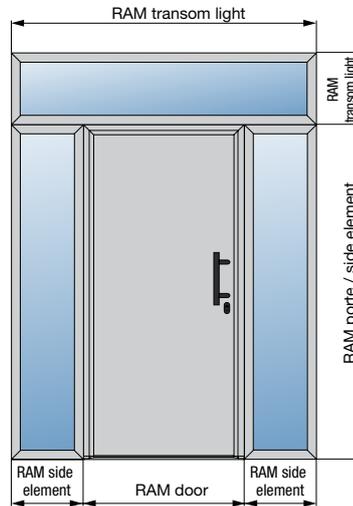
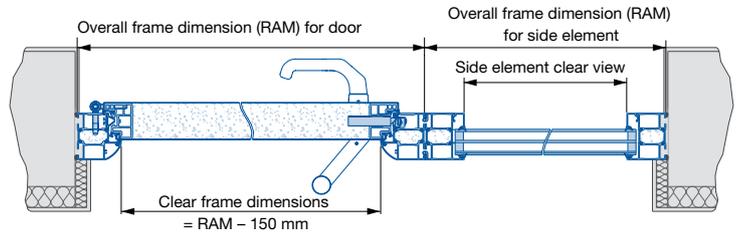
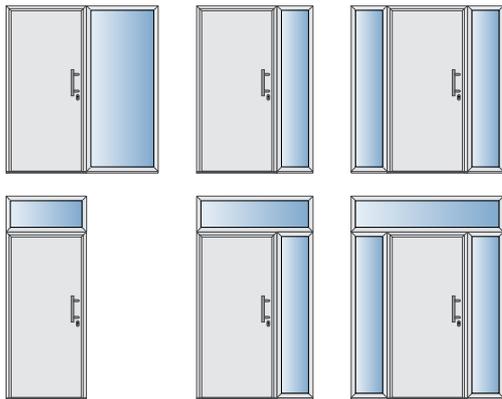
TPS entrance doors with side element / transom light

Standard sizes – Side element		
TPS Plus styles	Overall frame dimension	
	Width	Height
010/015	400	2100
700/750/850/900		

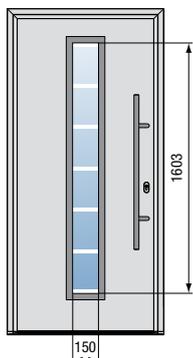
Special sizes – Side element		
TPS Plus styles	Overall frame dimension	
	Width	Height
010/015	See pages 24 and 25	
700/750/850/900		

Size range – Transom light		
TPS Plus styles	Overall frame dimension	
	Width	Height
All styles	See page 24	

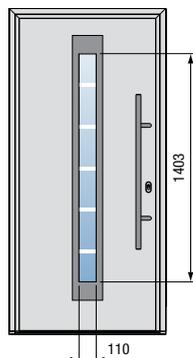
Clear view		
	Width	Height
Side element	RAM side element – 134	RAM side element – 134
Transom light	RAM transom light – 134	RAM transom light – 134



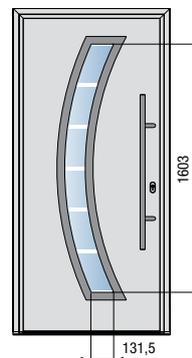
Clear view for styles with glazing



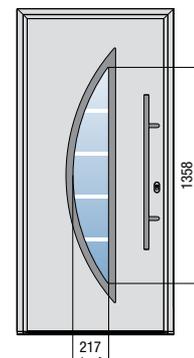
TPS Plus 700



TPS Plus 750



TPS Plus 850



TPS Plus 900

ThermoPro Plus Entrance Doors

Entrance door programme

// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014

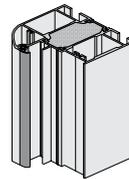


For a product description, see from page 14

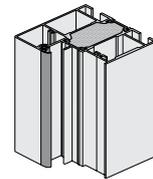
- Steel door leaf overlapping the frame, with thermal break, exterior and interior in same colour
- Aluminium frame
- Multiple-point lock

Colour 15 preferred colours (see page 14)

Decor Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic*/Titan Metallic CH 703



Profile A3



Profile A4

View	Style description	Size (RAM)	RAL 9016	Colour	Decor	RAL 9016	Colour	Decor
	Style TPS Plus 010 <ul style="list-style-type: none"> • Smooth sheet • Handle HB 14-2 	1000 × 2100	1211	1389	1423	1262	1440	1474
		1100 × 2100						
		from 875 × 1875	1495	1673	1707	1546	1724	1758
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.82 W/(m ² ·K)								
	Style TPS Plus 015 <ul style="list-style-type: none"> • Ribbed sheet • Handle HB 14-2 	1000 × 2100	1276	1454	1489	1327	1505	1540
		1100 × 2100						
		from 875 × 1875	1561	1739	1774	1612	1790	1825
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.82 W/(m ² ·K)								
	Style TPS Plus 700 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100	1900	2078	2113	1952	2129	2164
		1100 × 2100						
		from 875 × 1875	2185	2363	2398	2237	2414	2449
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.94 W/(m ² ·K)								
	Style TPS Plus 750 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100	1900	2078	2113	1952	2129	2164
		1100 × 2100						
		from 875 × 1875	2185	2363	2398	2237	2414	2449
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.91 W/(m ² ·K)								
	Style TPS Plus 850 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear laminated safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100	2207	2385	2419	2258	2436	2470
		1100 × 2100						
		from 875 × 1875	2492	2670	2704	2543	2721	2755
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.92 W/(m ² ·K)								
	Style TPS Plus 900 <ul style="list-style-type: none"> • Smooth sheet • 3 panes of insulated glass, clear single-pane safety glass, sand-blasted float with clear horizontal stripes and clear laminated safety glass • Stainless steel glazing frame • Handle HB 38-2 	1000 × 2100	2041	2219	2254	2092	2270	2305
		1100 × 2100						
		from 875 × 1875	2325	2503	2538	2376	2554	2589
		up to 1250 × 2250						
▶ U _D -value for size 1230 × 2180 mm: approx. 0.92 W/(m ² ·K)								

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

ThermoPro Plus Entrance Doors

Entrance door programme

Accessories



Exterior door handles (included in door price)

£

Handle HB 14-2



- Brushed stainless steel
- Standard with styles TPS Plus 010 and TPS Plus 015

Surcharge for conversion
of handle HB 14-2 to handle HB 38-2

102

Handle HB 38-2



- Brushed stainless steel
- Standard with styles TPS Plus 700, TPS Plus 750, TPS Plus 850 and TPS Plus 900

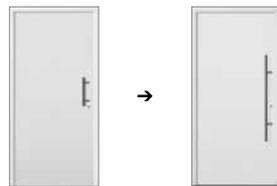
Surcharge for conversion
of handle HB 38-2 to handle HB 14-2

102

Calculation example

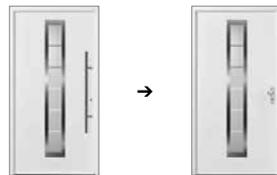
£

Conversion TPS Plus 010 with HB 14-2 to HB 38-2



Style TPS Plus 010 in RAL 9016, profile A3 (standard size) 1211
+ Conversion from handle HB 14-2 to handle HB 38-2 102
= Total 1313

Conversion TPS Plus 700 with HB 38-2 to fitting ES1



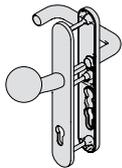
Style TPS Plus 700 in RAL 9016, profile A3 (standard size) 1900
+ Surcharge for ES1 aluminium knob / lever fitting 276
= Total 2176

ES0 fittings

Including profile cylinder with 5 keys

Surcharges

£



Knob / lever

Stainless steel

Each

102



Lever / lever

Stainless steel

Each

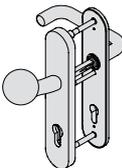
102

ES1 fittings

Including profile cylinder with 5 keys

Surcharges

£



Knob / lever

Stainless steel

Each

276



Lever / lever

Stainless steel

Each

276

ThermoPro Plus Entrance Doors

Entrance door programme

Accessories



Profile cylinders				£	
	Profile cylinder (40.5 + 40.5 mm) For HB 14-2 and HB 38-2 push bars	with 8 keys	Each	43	
		with 10 keys	Each	52	
	Profile cylinder (45.5 + 45.5 mm) For ES0 fittings	with 5 keys	Each	29	
		with 8 keys	Each	43	
	Profile cylinder (40.5 × 45.5 mm), with drilling and pull-off protection For ES1 fittings:	with 10 keys	Each	52	
		with 5 keys	Each	65	
		with 8 keys	Each	90	
	Profile cylinder, keys to pass, with drilling and pull-off protection with security card	with 10 keys	Each	113	
		with 5 keys	Each	86	
		with 8 keys	Each	111	
		with 10 keys	Each	135	
Note: No keys to pass for the profile cylinder from the fitting package.					
Rose escutcheon				£	
	Exterior oval rose escutcheon (screwed)		Each	37	
Profiles				£	
	Bottom spacer profile	Length up to 1250 mm	Height 30 mm	Each	19
			Height 60 mm	Each	37
			Height 90 mm	Each	56
			Height 120 mm	Each	74
			Height 150 mm	Each	92
		Length up to 2250 mm	Height 30 mm	Each	33
			Height 60 mm	Each	66
			Height 90 mm	Each	99
			Height 120 mm	Each	131
			Height 150 mm	Each	164
		Length up to 3250 mm	Height 30 mm	Each	47
			Height 60 mm	Each	94
			Height 90 mm	Each	141
			Height 120 mm	Each	188
			Height 150 mm	Each	235
	Base frame profile	Length up to 1250 mm	Height 15 mm	Each	19
			Height 15 mm	Each	33
		Length up to 2250 mm	Height 15 mm	Each	33
			Height 15 mm	Each	47
	Cover profile Per package 2 × 2300 mm and 1 × 1300 mm Dimensions (W × D): 50 × 5 mm Profiles sufficient for a door without side elements	RAL 9016	Per box	94	
		Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703	Per box	126	
	Extension profile 25 mm	RAL 9016	Per m	46	
		Colour	Per m	55	
		Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703	Per m	58	
	Supplementary profile Width 20 mm, mitred, incl. corner bracket and fitting screws	RAL 9016	Each	195	
		RAL 6005, RAL 7016	Each	246	

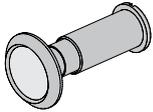
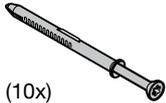
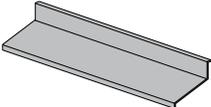
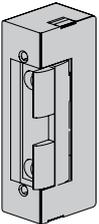
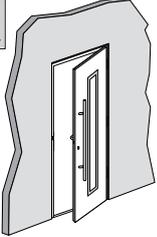
* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

ThermoPro Plus Entrance Doors

Entrance door programme

Accessories



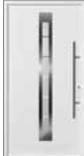
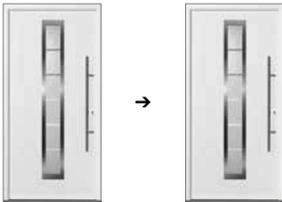
Accessories		£
	Spyhole Height approx. 1550 mm from FFL (only for TPS Plus 010)	Each 45
 (10x)	Fitting set 10x screws and 10x plugs	Per set 20
	Rain canopy Anodised aluminium	Each 20
	Electric strike with day catch (separate)	Each 63
  	Door set opening outwards	Per door 60
	Stainless steel cleaner and care product (150 ml)	Each 25
	Pre-compressed sealing strip (74 mm wide) for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting)	Per roll 89

ThermoPro Plus Entrance Doors

Entrance door programme

Accessories



Entrance door in RC 2 version (for a product description, see page 14)							£
Attack side = opposite hinge side							
			Package HB 14-2 with security rose escutcheon	Stainless steel	Per door	217	
			ES1 fittings	Knob / lever	Stainless steel	Per door 276	
				Lever / lever	Stainless steel	Per door 276	
				Package HB 38-2 with security rose escutcheon	Stainless steel	Per door 327	
				ES1 fittings	Knob / lever	Stainless steel	Per door 387
				Lever / lever	Stainless steel	Per door 387	
				Clear glass	Per side element*	135	
				Sandblasted float	Per side element*	135	
				* Only possible in the size range with a width of 400 – 550 mm (overall frame dimension).			
				Clear glass	Per transom light	135	
				Sandblasted float	Per transom light	135	
Example for calculating an entrance door in an RC 2 version							£
Conversion TPS 700 with HB 38-2 to package HB 38-2 with security rose escutcheon				Style TPS Plus 700 in RAL 9016, profile A3 (standard size)		1900	
				+ Conversion for package HB 38-2 with security rose escutcheon		327	
				= Total		2227	

ThermoPro Plus Entrance Doors

Entrance door programme

Side elements and transom lights

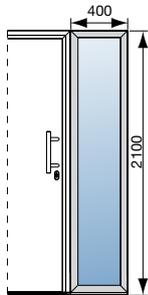
// NEW Decograin surfaces
Winchester Oak and
Titan Metallic CH 703
Available from Autumn 2014



Side element

Fixed side element assembly

Standard size



Ordering sizes RAM (mm) Width x height	Glass	RAL 9016	Colour	Decor
400 x 2100	Clear glass	765	862	894
	Sandblasted float	765	862	894

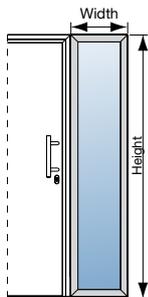
Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Side element

Fixed side element assembly

Special sizes



Ordering sizes RAM up to (mm) Width x height	Glass	RAL 9016	Colour	Decor
From 300 x 1875 to 500 x 2250 to 1000 x 2250 *	Glass in accordance with the overview on page 69	870	973	1001
		1149	1276	1279

* Only possible without transom light

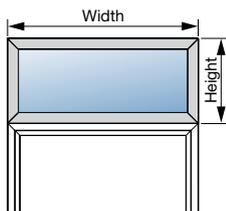
Door set with side element does not have a statics function. Statics must be ensured by the building structure.

Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

Transom light

Fixed transom light assembly



Ordering sizes RAM (mm) Width x height	Glass	RAL 9016	Colour	Decor
From 875 x 300 to 1250 x 500 to 1750 x 500 to 2250 x 500	Glass in accordance with the overview on page 69	614	712	745
		740	838	871
		881	979	1011

Decors: Golden Oak, Dark Oak, Night Oak, Winchester Oak, Titan Metallic * / Titan Metallic CH 703

* The Titan Metallic decor film coating will be replaced by Titan Metallic CH 703 decor, available from Autumn 2014.

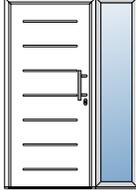
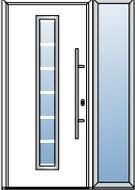
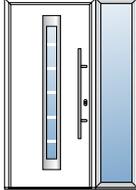
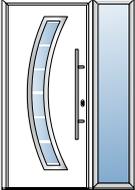
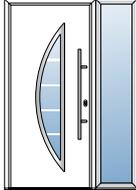
ThermoPro Plus Entrance Doors

Entrance door programme

Overview of glass for side elements



Infill / size range

Style		Glass	Size range	
			Side element	Transom light
 <p>TPS Plus 010</p>	 <p>TPS Plus 015</p>	<ol style="list-style-type: none"> 1. Clear laminated safety glass / sandblasted float* / clear laminated safety glass 2. Clear lamin. safety glass / float / clear lamin. safety glass <p>* Without clear stripes</p>	<p>Width 300 – 1000 mm</p> <p>Height 1875 – 2250 mm</p>	<p>Width 875 – 2250 mm</p> <p>Height 300 – 500 mm</p>
 <p>TPS Plus 700</p>	 <p>TPS Plus 750</p>	<ol style="list-style-type: none"> 1. Clear laminated safety glass / sandblasted float* / clear laminated safety glass 2. Clear lamin. safety glass / float / clear lamin. safety glass <p>* Without clear stripes</p>	<p>Width 300 – 1000 mm</p> <p>Height 1875 – 2250 mm</p>	<p>Width 875 – 2250 mm</p> <p>Height 300 – 500 mm</p>
 <p>TPS Plus 850</p>	 <p>TPS Plus 900</p>	<p>* Without clear stripes</p>	<p>Width 300 – 1000 mm</p> <p>Height 1875 – 2250 mm</p>	<p>Width 875 – 2250 mm</p> <p>Height 300 – 500 mm</p>

Steel Security Doors RC 2

KSi Thermo with thick rebate, sheet thickness 0.6 – 0.8 mm

Standard / special sizes

RC 2



With thermal breaks!

Product description

Break-in-resistant, ready-to-fit door set, single-leaf, tested according to DIN EN 1627 resistance class RC 2, for fitting to brickwork, concrete.

Attack side = opposite hinge side

Door leaf

46 mm thick, "Modern" smooth sheet steel, thick rebate, fully foamed, with thermal break, exterior and interior overlapping the leaf and matching colour.

4-sided, double EPDM seals, black, with continuous lip seal in the bottom sheet, additional EPDM form parts in both bottom corners for additional sealing, incl. brush seal in the frame

Frame

- Aluminium block frame with aluminium / plastic threshold
- With thermal break
- Colour matching the door leaf

Surface

- Standard: Painted in Traffic white on both sides, based on RAL 9016, silk matt, gloss level 35 – 40 %
- Color: 15 preferred colours, painted on both sides, based on the RAL colour chart, silk matt, gloss level 35 – 40 %

Fittings

- Multiple-point locking with main lock (with soft-lock latch) and 2 bolts, pivoting / hook bolt combination
- Stainless steel long escutcheon lever / knob handle set ES 1
- 3x anti-leverage guards
- 5 keys
- Security certificate

Hinges

- 3 two-part guide rollers (180 mm), 3-way adjustable

Standard sizes



Ordering sizes (overall frame dimension)	State handling
	With aluminium block frame (profile A2)
875 × 2000	1077
875 × 2125	1077
1000 × 2000	1102
1000 × 2100	1102
1000 × 2125	1102
1100 × 2100	1102

Special sizes



Ordering sizes (overall frame dimension)	State handling
	With aluminium block frame (profile A2)
From 875 × 1875 Up to 1250 × 2250	1362

Preferred colour (Color)

Door leaf and frame in preferred colour (Color)	Surcharge £
	164
<ul style="list-style-type: none"> • RAL 1015 Light ivory • RAL 3000 Flame red • RAL 3003 Ruby red • RAL 5010 Gentian blue • RAL 5014 Pigeon blue 	<ul style="list-style-type: none"> • RAL 6005 Moss green • RAL 7016 Anthracite grey • RAL 7035 Light grey • RAL 7040 Window grey • RAL 8003 Clay brown
	<ul style="list-style-type: none"> • RAL 8028 Terra brown • RAL 9001 Cream • RAL 9002 Grey white • RAL 9006 White aluminium • RAL 9007 Grey aluminium

Decor

Door leaf and frame in decor	Surcharge £
	195
<ul style="list-style-type: none"> • Golden Oak • Dark Oak • Night Oak 	<ul style="list-style-type: none"> • Winchester Oak ¹⁾ • Titan Metallic CH 703 ²⁾
	<p>1) From Autumn 2014</p> <p>2) Until Autumn 2014 Titan Metallic surface finish, from Autumn 2014 Titan Metallic CH 703 surface finish</p>

Accessories

Spyhole, fitted at approx. 1550 mm from FFL	Each	42
Slide rail overhead door closer HDC 35 (including preparation)	Each	204
Lever handle / lever handle, ES 1 stainless steel		No surcharge
Electric strike with day catch (separate)		58
Bottom spacer profile	Height 30 mm	Each 17
	Height 60 mm	Each 34
	Height 90 mm	Each 51
	Height 120 mm	Each 68
	Height 150 mm	Each 85
Pre-compressed sealing strip (56 mm wide) for groove widths from 6 – 15 mm, 5.90 m roll	Per roll	62

Steel Multi-Purpose Doors

MZ Thermo with thick rebate, sheet thickness 0.6 – 0.8 mm

Standard / special sizes

Product description																																	
<ul style="list-style-type: none"> Steel door leaf overlapping the frame, with thermal break, exterior and interior in same colour Aluminium frame for fitting to brickwork and concrete Mortice lock (single locking) prepared for profile cylinder and 3 keys, without emergency and hazard function <p>► Ordering size = overall frame dimension (nominal size)</p>				 <p>A2 profile</p>																													
<p>Colour</p> <table border="0"> <tr> <td>RAL 1015</td><td>Light ivory</td> <td>RAL 6005</td><td>Moss green</td> <td>RAL 8028</td><td>Terra brown</td> </tr> <tr> <td>RAL 3000</td><td>Flame red</td> <td>RAL 7016</td><td>Anthracite grey</td> <td>RAL 9001</td><td>Cream</td> </tr> <tr> <td>RAL 3003</td><td>Ruby red</td> <td>RAL 7035</td><td>Light grey</td> <td>RAL 9002</td><td>Grey white</td> </tr> <tr> <td>RAL 5010</td><td>Gentian blue</td> <td>RAL 7040</td><td>Window grey</td> <td>RAL 9006</td><td>White aluminium</td> </tr> <tr> <td>RAL 5014</td><td>Pigeon blue</td> <td>RAL 8003</td><td>Clay brown</td> <td>RAL 9007</td><td>Grey aluminium</td> </tr> </table>						RAL 1015	Light ivory	RAL 6005	Moss green	RAL 8028	Terra brown	RAL 3000	Flame red	RAL 7016	Anthracite grey	RAL 9001	Cream	RAL 3003	Ruby red	RAL 7035	Light grey	RAL 9002	Grey white	RAL 5010	Gentian blue	RAL 7040	Window grey	RAL 9006	White aluminium	RAL 5014	Pigeon blue	RAL 8003	Clay brown
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<p>Decor Golden Oak, Dark Oak, Night Oak, Winchester Oak ¹⁾ and Titan Metallic CH 703 ²⁾</p>																																	
View	Style description	Size (RAM)	RAL 9016	Colour	Decor																												
	<p>Style TPS 011</p> <ul style="list-style-type: none"> 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look) <p>► Handing as specified!</p>	875 × 2000	656	819	850																												
		875 × 2125																															
		1000 × 2000	680	843	875																												
		• 1000 × 2100																															
• 1000 × 2125																																	
from 875 × 1875	948	1111	1143																														
Up to 1250 × 2250																																	
► U _D value for size 1230 × 2180 mm: 1.1 W / (m ² ·K)																																	
	<p>Style TPS 021</p> <ul style="list-style-type: none"> 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look) Double-pane insulated glazing, 26 mm thick, exterior laminated safety glass – interior Mastercarré single-pane safety glass Plastic glazing frame in door frame colour ³⁾ Lever handle set (lever / lever) made of plastic, black, rose escutcheon <p>► Handing as specified!</p>	875 × 2000	960	1318	1350																												
		875 × 2125																															
		1000 × 2000	984	1341	1373																												
		• 1000 × 2100																															
• 1000 × 2125																																	
1100 × 2100	1253	1611	1643																														
from 875 × 1990																																	
Up to 1250 × 2250	► U _D value for size 1230 × 2180 mm: 1.4 W / (m ² ·K)																																
	<p>Style TPS 051</p> <ul style="list-style-type: none"> 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look) Double-pane insulated glazing, 24 mm thick, exterior laminated safety glass – interior Mastercarré single-pane safety glass Plastic glazing frame in door frame colour ³⁾ Lever handle set (lever / lever) made of plastic, black, rose escutcheon <p>► Handing as specified!</p>	875 × 2000	960	1318	1350																												
		875 × 2125																															
		1000 × 2000	984	1341	1373																												
		• 1000 × 2100																															
• 1000 × 2125																																	
1100 × 2100	1253	1611	1643																														
from 875 × 1990																																	
Up to 1250 × 2250	► U _D value for size 1230 × 2180 mm: 1.5 W / (m ² ·K)																																
 	<p>Style TPS 081</p> <ul style="list-style-type: none"> 2 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless steel look) Lever handle set (lever / lever) made of plastic, black, short escutcheon <p>► No further accessories / decors / colours are possible in dual handed doors!</p>	875 × 2000	656	-	-																												
		875 × 2125																															
		1000 × 2000	680	-	-																												
		• 1000 × 2100																															
• 1000 × 2125																																	
1100 × 2100	► Dual handed! U _D value for size 1230 × 2180 mm: 1.1 W / (m ² ·K)																																

Sizes marked with a dot (•) indicate doors in RAL 9016 that are **available from stock**.

1) From Autumn 2014

2) Until Autumn 2014 Titan Metallic surface finish, from Autumn 2014 Titan Metallic CH 703 surface finish

3) For decor door surface finishes, the plastic glazing frames are coated in a colour matching the decor

Steel Multi-Purpose Doors

With thermal breaks



Accessories

Door closer				
Prepared for overhead door closer (reinforcement in door leaf)				40
Slide rail overhead door closer HDC 35				164
Fittings				Surcharge £
		Black plastic (standard)		60
Lever handle set, rose escutcheon, prepared for profile cylinder		Anodised aluminium (F1) *		157
		Brushed stainless steel *		213
		Black plastic *		104
Lever / knob handle set, rose escutcheon, prepared for profile cylinder		Anodised aluminium (F1) *		170
		Brushed stainless steel *		226
Anti-panic fittings acc. to DIN EN 179 (opening outwards)				Surcharge £
Single-point locking (panic lock with stainless steel cover, distance 92 mm, left-hand hinged or right-hand hinged)		With anti-panic function E		149
		With split spindle, passage function D		179
Multiple-point locking (panic lock with stainless steel cover, distance 92 mm, left-hand hinged or right-hand hinged)		With anti-panic function E		On request
		With split spindle, passage function D		On request
Lever / knob handle set, rose escutcheon, prepared for profile cylinder		Black plastic *		104
		Anodised aluminium (F1) *		170
		Brushed stainless steel *		226
Panic handle set with split spindle, rose escutcheon, prepared for profile cylinder		Black plastic *		104
		Anodised aluminium (F1) *		170
		Brushed stainless steel *		226
Profiles				Surcharge per m £
Extension profile 25 mm		RAL 9016		38
		Colour		45
		Decor		48
Extension profile 50 mm		RAL 9016		43
		Colour		50
		Decor		53
Cover profile (package is sufficient for one door set)		RAL 9016	Per box	87
		Decor	Per box	116
Accessories				
Retractable bottom seal (frame without threshold)				257
Spyhole				42
Electric strike with day catch (separate)				58
Door drip		RAL 9016		25
Rain canopy		Anodised aluminium		18
Pre-compressed sealing strip (width 56 mm) for groove widths between 6 – 15 mm, 5.9 m roll			Per roll	62
Offset lever height from 775 mm to 1275 mm from FFL				83
Bottom spacer profile		Height 30 mm	Each	17
		Height 60 mm	Each	34
		Height 90 mm	Each	51
		Height 120 mm	Each	68
		Height 150 mm	Each	85

* Replaces standard fittings

Version as a security door with thermal break in resistance class RC 2

Please see your Hörmann specialist dealer

Notes and Sketches

