

Series 2000 Entrance Door Price List





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Thermo46 / Thermo65 Entrance Doors





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For further information on Thermo46 and Thermo65 entrance doors, see our brochure.

Entrance door programme

Product description





	Thermo46 – steel TPS													
Product description	on	010	015	515	020 G	025 G	030 G	040 H	100	200 I	400 I	700 B	750 C	900 D
Door leaf structur	re										•	_		
Smooth sheet	"Modern"	•			•		•	•				•	•	•
Ribbed sheet	"Modern" (exterior)		•	•		•								
Panelled sheet	"Classic" (on both sides)								•	•	•			
Door leaf thickness							4	6 mm th	ick					
Fully foamed With thermal break Exterior and interior overlapping the leaf		•	•	•	•	•	•	•	•	•	•	•	•	•
Size ranges (see a	also page 10)					<u> </u>								
Standard sizes (ove	rall frame size)					1000 >	2100 m	nm and 1	100×21	00 mm				
Special sizes (overa	III frame size)			"Mc	dern" ty	ре А				"Classic"	,	"Mo	dern" ty	ре В
	700-1250 mm Width 1875-2250 mm Height	•			•		•	•				•	•	
	800-1250 mm Width 1875-2250 mm Height													•
	875 – 1250 mm Width 1875 – 2250 mm Height		•	•		•								
	875-1100 mm Width 1875-2186 mm Height								•		•			
	875–1100 mm Width 1990–2186 mm Height									•				
Surface finish														
			ingin in	0,0,0,0					001 111 1110	Danang	iii youi c	orioditat		
For doors with dark This will ensure trou Standard	ıble-free door operation.	•	•	•	•	•	•	•	•	•	•	•	•	•
This will ensure trou	Ible-free door operation.	• Pair	• nted in T		• te on bot	• th sides,	•	•	•	,				
This will ensure trou Standard	Ible-free door operation.	Pail Silk	nted in T	raffic whir	• te on bot	• th sides,	•	•	•	,				
This will ensure trou Standard	Ible-free door operation.	Pain Silk 16 Pain Silk 16 RAI RAI RAI RAI	preferred on I to matt, gl	raffic whire oss level oss level oss level oss level displayed in the control of	ete on bot 35 – 40 9	th sides, % I on the f RA RA RA	based o	on RAL 9	oneen ee grey y grey	R R R R	•	Terra bro	• own iite uminium	•
This will ensure trou Standard Color		Pair Pair Pair Pair Pair Pair Pair Pair	preferred on I matt, gl	raffic whire oss level declours both side oss level light ivory fire red Ruby red Purple received.	ete on bot 35 – 40 9	th sides, % I on the f RA RA RA	based o	on RAL 9 our chart Moss gra Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro	• own iite uminium	•
This will ensure trou Standard Color Decor Foil-coating,	Golden Oak Dark Oak	Pair Silk 16 Pair Silk RAI RAI RAI RAI RAI RAI	preferred on I to matt, gl	raffic whire oss level of colours both side oss level aight ivory fire red Ruby red Purple recention briggen blue of the colours of the colou	te on bot 35 – 40 9	th sides, % I on the I RA RA RA	based of bas	our chart Moss gre Anthracit Light gre Window	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro Cream Grey wh White al Grey alu	own iite uminium minium	•
This will ensure trou Standard Color Decor Foil-coating,	Golden Oak Dark Oak	Pain Silk 16 Pain Silk RAI RAI RAI RAI	preferred on It amatt, gl	raffic whith oss level oss level octobers os level declars octobers of the control of the control oss level of the control oss level os leve	te on bot 35 – 40 9	th sides, % I on the I % RA RA RA	BAL colo	on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro Cream Grey wh White al Grey alu	own iite uminium minium	•
This will ensure trou	Golden Oak	Pain Silk 16 Pain Silk RAI RAI RAI RAI	nted in Tr matt, gl preferrecented on Ir matt, gl that matt, gl that matt, gl L 1015 L L 3000 F L 3003 F L 3004 F L 5010 G L 5014 F	raffic whith oss level oss level octobres develors both side oss level light ivory fire red Ruby red Purple recent of the properties of th	s, based 35 – 40 9	Hon the F	BAL cold L 6005 I L 7016 A L 7040 V L 8003 (on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro	own iite uminium minium	•
This will ensure trou Standard Color Decor Foil-coating,	Golden Oak Dark Oak Night Oak Winchester Oak	Pain Silk 16 Pain Silk RAI RAI RAI RAI	mted in T matt, gl preferrecented on I matt, gl matt, gl matt, gl matt, gl L 1015 L L 3000 F L 3003 F L 3004 F L 5010 G L 5014 F	raffic whith oss level oss level octobres de colours both side oss level light ivory fire red Ruby red Purple recentan beingeon blu	s, based 35 – 40 9	Hon the F	BAL cold L 6005 I L 7016 A L 7040 V L 8003 (on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro	own iite uminium minium	•
This will ensure troustandard Color Decor Foil-coating, booth sides	Golden Oak Dark Oak Night Oak	Pain Silk Silk Silk RAI RAI RAI RAI	onted in Tr matt, gl preferrecented on Ir matt, gl that matt, gl that matt, gl L 1015 L L 3000 F L 3003 F L 3004 F L 5010 G L 5014 F	raffic whith oss level oss level oss level oss level oss level dependence oss level dependence oss level os leve	s, based 35 – 40 9	Hon the F	BAL cold L 6005 L 7016 L 7040 L 8003	on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro	own iite uminium minium	•
This will ensure trous standard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom soboth bottom corner	Golden Oak Dark Oak Night Oak Winchester Oak	Pain Silk Silk Silk RAI RAI RAI RAI	onted in Tr matt, gl preferrecented on Ir matt, gl that matt, gl that matt, gl L 1015 L L 3000 F L 3003 F L 3004 F L 5010 G L 5014 F	raffic whith oss level oss level oss level oss level oss level dependence oss level dependence oss level os leve	s, based 35 – 40 9	Hon the F	BAL cold L 6005 L 7016 L 7040 L 8003	on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	oneen ee grey y grey	R R R R	AL 8028 AL 9001 AL 9002 AL 9006	Terra bro	own iite uminium minium	•
This will ensure trous transformation of the standard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom s	Golden Oak Dark Oak Night Oak Winchester Oak Titan Metallic CH 703 DM seals, black, with continuous lip sheet, additional EPDM form parts in	Pair Silk 16 Pair Silk Silk RAI RAI RAI RAI RAI RAI RAI RAI	onted in Trimatt, glipreferrecented on Irimatt, glipreferrecented	raffic whith oss level oss level oss level oss level oss level dependence oss level dependence oss level os leve	ete on bot 35 – 40 9	Hon the F	BAL cold L 6005 L 7016 L 7040 L 8003	on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	een ee grey y grey wn	R R R R	AL 8028 AL 9001 AL 9002 AL 9006 AL 9007	Terra bro	own iite uminium minium	•
This will ensure trouble standard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom sooth bottom corner seal in the frame Lock Multiple-point lockir	Golden Oak Dark Oak Night Oak Winchester Oak Titan Metallic CH 703 DM seals, black, with continuous lip sheet, additional EPDM form parts in	Pair Silk 16 Pair Silk Silk RAI RAI RAI RAI RAI RAI RAI RAI	onted in Trimatt, glipreferrecented on Irimatt, glipreferrecented	raffic whith oss level oss level oss level oss level oss level dependence oss level dependence oss level os leve	ete on bot 35 – 40 9	Hon the F	BAL cold L 6005 L 7016 L 7040 L 8003	on RAL 9 our chart Moss gre Anthracit Light gre Window Clay bro	een ee grey y grey wn	R R R R	AL 8028 AL 9001 AL 9002 AL 9006 AL 9007	Terra bro	own iite uminium minium	•
This will ensure trous trandard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom sooth both on tom corner seal in the frame Lock Multiple-point locking and 2 bolts, pivoting and 2 bolts, pivoting and 2 bolts, pivoting seal in the seal in the frame	Golden Oak Dark Oak Night Oak Winchester Oak Titan Metallic CH 703 DM seals, black, with continuous lip sheet, additional EPDM form parts in sor additional sealing, incl. brush	Pair Silk Pair Silk Pair Pair Pair Pair Pair Pair Pair Pair	matt, gl preferrecented on It matt, gl to matt, gl preferrecented on It matt, gl 1015 L 1015 L 1015 L 1016	raffic whitoss level d colours both side ooss level ight ivory irre red Ruby red durple rec Gentian b	te on bot 35 – 40 9 s, based 35 – 40 9	th sides, % I on the f RA RA RA RA RA RA RA RA RA R	based of the based	on RAL 9 on RAL 9 our chart Moss gra Anthracit Light gree Window Clay brov	een ee grey y grey wn	R. R. R. R.	AL 8028 AL 9001 AL 9002 AL 9007	Terra brown Cream Grey who White all Grey allu	own bite uminium minium	•
This will ensure trous standard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom sorner seal in the frame Lock Multiple-point locking and 2 botts, pivoting Electric strikes	Golden Oak Dark Oak Night Oak Winchester Oak Titan Metallic CH 703 DM seals, black, with continuous lip sheet, additional EPDM form parts in sor additional sealing, incl. brush	Pair Silk Pair Silk Pair Pair Pair Pair Pair Pair Pair Pair	matt, gl preferrecented on It matt, gl to matt, gl preferrecented on It matt, gl 1015 L 1015 L 1015 L 1016	raffic whitoss level d colours both side ooss level ight ivory irre red Ruby red durple rec Gentian b	te on bot 35 – 40 9 s, based 35 – 40 9	th sides, % I on the f RA RA RA RA RA RA RA RA RA R	based of the based	on RAL 9 on RAL 9 our chart Moss gra Anthracit Light gree Window Clay brov	een ee grey y grey wn	R. R. R. R.	AL 8028 AL 9001 AL 9002 AL 9007	Terra brown Cream Grey who White all Grey allu	own bite uminium minium	•
This will ensure trous standard Color Decor Foil-coating, both sides Seals 4-sided, double EP seal in the bottom sorner seal in the frame Lock Multiple-point locking and 2 botts, pivoting Electric strikes	Golden Oak Dark Oak Night Oak Winchester Oak Titan Metallic CH 703 DM seals, black, with continuous lip sheet, additional EPDM form parts in ser additional sealing, incl. brush ag with main lock (with soft-lock latch) g / hook bolt combination	Pain Silk Silk Silk RAI	mted in T matt, gl preferrecented on I matt, gl	raffic whith oss level oss level octobres de colours both side oss level light ivory rire red Ruby red Purple receptants brigeon blu	te on bot 35 – 40 9	Hon the F	BAL cold L 6005 I L 7016 A L 7040 V L 8003 (on RAL 9 our chart Moss gre Anthracif Light gre Window Clay bro	een ee grey y grey wn	R R R R R	AL 8028 AL 9001 AL 9002 AL 9006 AL 9007	Terra broc Cream Grey wh White al Grey allu	own iite uminium minium	•

Entrance door programme

Product description





							Therm	o46 – st	eel TPS					
Product description		010	015	515	020 G	025 G	030 G	040 H	100	200 I	400 I	700 B	750 C	900 D
Thermal insulation value	ue (in W/(m²·K))													
► Dependent on the size	e and frame type				F	or a pro	duct des	cription,	see pag	e 10 to 1	2			
Version in RC 2														
Attack side = opposite	hinge side													
	ne, hook bolt lock, profile cylinder rotection as well as security card	0	0	0					0					
	ne, hook bolt lock, profile cylinder rotection as well as security card											0	0	0
Size ranges														,
	832-1250 mm Width 1875-2250 mm Height	0										0	0	0
Size ranges in which an RC 2 version is possible	875-1250 mm Width 1875-2250 mm Height		0	0										
possible	875-1100 mm Width 1875-2186 mm Height								0					
Fittings														
Hinges														
3 two-part guide rollers (with cover caps (stainless	180 mm), 3-way adjustable s steel look)	•	•	•	•	•	•	•	•	•	•	•	•	•
Door handle (exterior)														
Exterior handle HB 14-2,	brushed stainless steel	•	•	•	•	•	•	•	•	•	•	0	0	0
Exterior handle HB 38-2,	brushed stainless steel	0	0	0	0	0	0	0	0	0	0	•	•	•
Door handle (interior)														
Stainless steel lever hand	lle	•	•	•	•	•	•	•	•	•	•	•	•	•
Rose escutcheon (exte	erior and interior)													
Oval stainless-steel profile	e cylinder rose escutcheons	•	•	•	•	•	•	•	•	•	•	•	•	•
Profile cylinder														
Cylinder length 35.5 × 27	.5 mm with 5 keys	•	•	•	•	•	•	•	•	•	•	•	•	•
Glazing frames														
Round-style plastic, clipp	ped				•	•	•	•						
Profile-style plastic, clippe With surface-mounted pl										•	•			
Stainless steel, bonded												•	•	•
Glazing (For details on g	lass design see style descriptions	on page	e 10 to 1	2)										
G Insulated double glaz	ring, Mastercarré				•	•	•							
H Insulated double glaz ornamental glass 504								•						
I Insulated double glaz cathedral glass small										•	•			
B Insulated triple glazing sand-blasted float with	g, th 7 clear stripes											•		
C Insulated triple glazing sand-blasted float with													•	
D Insulated triple glazing sand-blasted float with														•
Frames														
	ne with aluminium / plastic al break, colour matching	•	•	•	•	•	•	•	•	•	•	•	•	•
Side element / transom	ı light													
For doors opening inv	wards	0	0	0	0	0	0	0	0	0	0	0	0	0
					_									

Entrance door programme

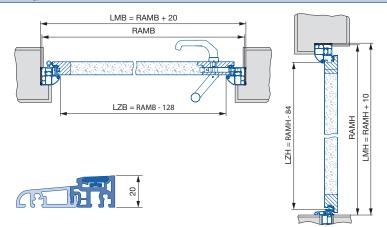
Technical presentation of door set



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 × 2100	1020×2110	872×2016							
1100×2100	1120×2110	972×2016							

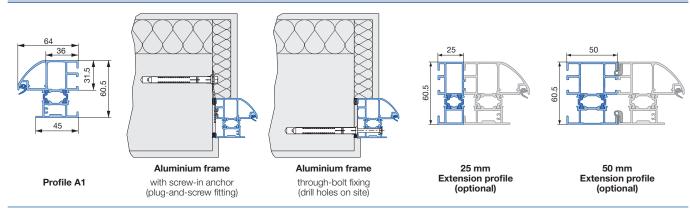
Sp	Special sizes										
TPS	Overall frame dimension										
Styles	Width	Height									
010/020/030/ 040/700/750	700-1250	1875 – 2250									
900	800-1250	1875 – 2250									
015/025/515	875 – 1250	1875 – 2250									
100/400	875-1100	1875-2186									
200	875-1100	1990-2186									



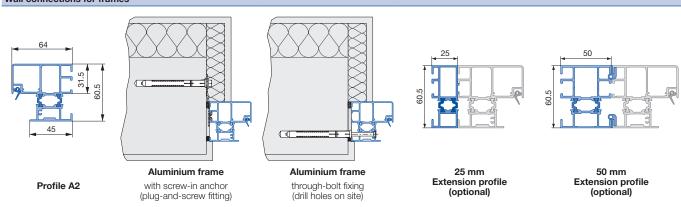
RAMB Overall frame width
RAMH Overall frame dimension height

LMB Structural opening width
LMH Structural opening height
LZB Clear frame dimension width
LZH Clear frame dimension height

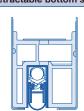
Wall connections for frames



Wall connections for frames



Retractable bottom seal (option)



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 LMB TPS Overall frame dimension RAMB Styles Width Height 010/015/515/020/025/030/ 040/700/750/900 400 2100 100/200/400 450 2100 Special sizes - Side element LZB LDVB Overall frame dimension Styles Width 010/015/515/040 See pages 22 and 23 020/025/030/700/750/900 100/200/400 RAMB OL Size range - Transom light RAMH Overall frame dimension Styles Width Height All styles See page 22 Clear view Width Height RAMH RAMH TUER / RAMH ST \mathbb{H} RAM side element - 116 RAM side element - 138 Side element Transom light RAM transom light - 116 RAM transom light – 116 LZH RAMB ST RAMB TUER RAMB ST RAMB Overall frame width LMB Structural opening width

RAMH

TUER

OL

Door

Side element

Transom light

Overall frame dimension height

LMH

LZB

LZH

LDVB

LDVH

Structural opening height

Glazing clear view width

Glazing clear view height

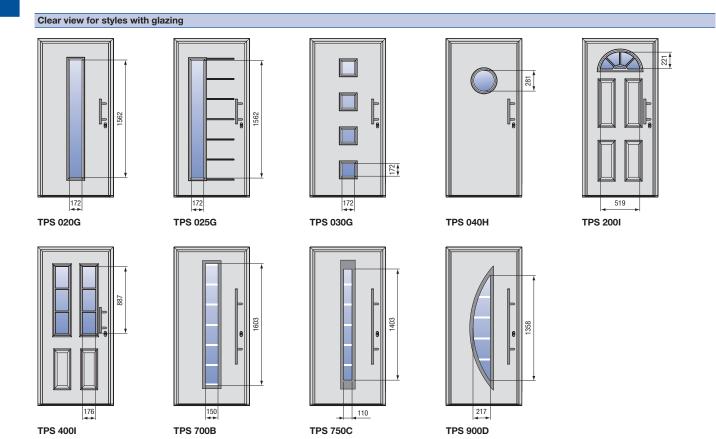
Clear frame dimension width

Clear frame dimension height

Entrance door programme

Presentation of door set with glazing







An eye on the future Sustainable Production for Trend-Setting Construction

- Environmental Product Declaration (EPD) according to ISO 140425 for all Hörmann entrance doors, function doors, multi-function doors and box frame parts
- Confirmed by the Institut für Fenstertechnik (ift Institute of window technology) in Rosenheim
- Life-cycle analysis in accordance with DIN ISO 14040/14044 documents environmentally-friendly production



Thermo46 Entrance Doors – Steel

Entrance door programme



For a product description, see from page 4

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

Color Decor

16 preferred colours (see page 4)

Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic CH 703





				Profile A1			Profile A2	
View	Style description	Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color	Decor
	Style TPS 010							
4	Smooth sheet Handle HB 14-2	1000 × 2100 1100 × 2100	1050	1265	1307	1050	1265	1307
J.		From 700 × 1875 to 1250 × 2250	1391	1606	1648	1391	1606	1648

► U_D-value for size 1230 × 2180 mm: 1.1 W/(m²·K)



Style TPS 015

- Ribbed sheet with 7 ribs
- Handle HB 14-2

_	1000 × 2100 1100 × 2100	1128	1343	1385	1128	1343	1385
From to	875 × 1875 1250 × 2250	1469	1684	1726	1469	1684	1726

► U_D-value for size 1230 × 2180 mm: 1.1 W/(m²·K)



Style TPS 515

- Ribbed sheet with 3 ribs
- Handle HB 14-2

	1000 × 2100 1100 × 2100	1128	1343	1385	1128	1343	1385
From to	875 × 1875 1250 × 2250	1469	1684	1726	1469	1684	1726

► U_D-value for size 1230 × 2180 mm: 1.1 W/(m²·K)



Style TPS 020G

- Smooth sheet
- 2 panes of insulated glass, exterior laminated safety glass – interior Mastercarré single-pane safety glass
- Plastic glazing frame in door leaf colour (exception: decor surface finish*)
- Handle HB 14-2

	1000×2100 1100×2100	1438	1908	1949	1438	1908	1949
From to	700 × 1875 1250 × 2250	1779	2249	2290	1779	2249	2290

► U_D-value for size 1230 × 2180 mm: 1.4 W/(m²·K)



Style TPS 025G

- Ribbed sheet 2 panes of insulated glass, exterior laminated safety glass - interior Mastercarré single-pane safety glass
- Plastic glazing frame in door leaf colour (exception: decor surface finish*)
- Handle HB 14-2

	1000 × 2100 1100 × 2100	1515	1985	2026	1515	1985	2026
From to	875 × 1875 1250 × 2250	1856	2326	2367	1856	2326	2367

► U_D-value for size 1230 × 2180 mm: 1.4 W/(m²·K)

Accessories and optional extras

See from page 13

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

Thermo46 Entrance Doors – Steel

Entrance door programme



For a product description, see from page 4

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

Color Decor

16 preferred colours (see page 4)

Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic CH 703





					Profile A1			Profile A2	
View	Style description		Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color	Decor
	Style TPS 030G								
	Smooth sheet 2 panes of insulated glass, exterior laminated safety glass – interior		1000×2100 1100×2100	1519	1989	2030	1519	1989	2030
_ l;	Mastercarré single-pane safety glass Plastic glazing frame in door leaf colour (exception: decor surface finish*)	From to 1	700 × 1875 1250 × 2250	1861	2331	2372	1861	2331	2372
	Handle HB 14-2	► U _D -value	e for size 1230 :	× 2180 mm: 1.0	3 W/(m²·K)				

Style TPS 040H

- Smooth sheet
- 2 panes of insulated glass, exterior laminated safety glass – interior single-pane safety ornamental glass 504 with fine structure
- Plastic glazing frame in door leaf colour (exception: decor surface finish*)
- Handle HB 14-2

_	1000 × 2100 1100 × 2100	1408	1878	1919	1408	1878	1919
From to	700 × 1875 1250 × 2250	1750	2220	2261	1750	2220	2261

► U_D-value for size 1230 × 2180 mm: 1.2 W/(m²·K)



Style TPS 100

- Panelled sheet
- Handle HB 14-2

_	1000×2100 1100×2100	1078	1293	-	1078	1293	_
From to	875×1875 1100×2186	1420	1635	-	1420	1635	_

▶ U_D -value for size 1230×2180 mm: 1.1 W/(m²·K)



Style TPS 200I

- Panelled sheet
- 2 panes of insulated glass, exterior single-pane safety glass – interior single-pane safety cathedral glass with small hammered finish
- Plastic glazing frame with surface-mounted rails
- Handle HB 14-2

_	1000 × 2100 1100 × 2100	1188	1658	-	1188	1658	_
From to	875×1990 1100×2186	1530	2000	_	1530	2000	_

► U_D-value for size 1230 × 2180 mm: 1.2 W/(m²·K)



Style TPS 400I

- Panelled sheet
- 2 panes of insulated glass, exterior laminated safety glass – interior single-pane safety cathedral glass with small hammered finish
- Plastic glazing frame with surface-mounted rails
- Handle HB 14-2

_	1000×2100 1100×2100	1270	1740	-	1270	1740	-
From to	875 × 1875 1100 × 2186	1611	2081	_	1611	2081	_

► U_D-value for size 1230 × 2180 mm: 1.5 W/(m²·K)

Accessories and optional extras

See from page 13

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

Thermo46 Entrance Doors - Steel

Entrance door programme



For a product description, see from page 4

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

Color 16 preferred colours (see page 4) Decor

Golden Oak, Dark Oak, Night Oak, Winchester Oak and Titan Metallic CH 703





				Profile A1			Profile A2	
View	Style description	Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color	Decor
	Style TPS 700B							
b	 Smooth sheet 3 panes of insulated glass, exterior laminated safety glass – sand- 	1000×2100 1100×2100	1877	2092	2134	1877	2092	2134
	blasted float with 7 clear stripes – interior single-pane safety glass Stainless steel glazing frame Handle HB 38-2	From 700 x 1875 to 1250 x 2250	2219	2434	2476	2219	2434	2476
	• Harriule FID 30-2	▶ Up-value for size 1230 x	× 2180 mm· 1 :	3 W/(m²·K)				



Style TPS 750C

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass – sand-blasted float with 5 clear stripes – interior laminated safety glass
- Stainless steel glazing frame
- Handle HB 38-2

-	1000 × 2100 1100 × 2100	1877	2092	2134	1877	2092	2134
From to	700 × 1875 1250 × 2250	2219	2434	2476	2219	2434	2476

► U_D-value for size 1230 × 2180 mm: 1.2 W/(m²·K)



Style TPS 900D

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass sand-blasted float with 4 clear stripes interior single-pane safety glass
- Stainless steel glazing frame
- Handle HB 38-2

	1000 × 2100 1100 × 2100	2046	2261	2303	2046	2261	2303
From to	800 × 1875 1250 × 2250	2388	2603	2645	2388	2603	2645

► U_D-value for size 1230 × 2180 mm: 1.2 W/(m²·K)

Entrance door programme



Exterior door handles (included in	n door price)			£
+ S 210 + S 210 + S 210	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, TPS 400 and TPS 515	Surcharge for conversion to handle HB 14-2		122
10000	Handle HB 38-2 Brushed stainless steel Standard with styles TPS 700, TPS 750 and TPS 900	Surcharge for conversion to handle HB 38-2		122
00001	Handle HB 38-3 • Brushed stainless steel	Surcharge for conversion to handle HB 38-3		122
Rose escutcheon				£
	Exterior oval rose escutcheon (screwed)		Each	45
ES 0 fittings	Including profile cylinder with 5 keys		Surcharges	£
	Knob/lever	Stainless steel	Each	122
	Lever/lever	Stainless steel	Each	122
ES 1 fittings	Including profile cylinder with 5 keys		Surcharges	£
	from a RAM of 900 mm for style TPS 400.			
	Knob/lever	Stainless steel	Each	332
	Lever/lever	Stainless steel	Each	332

Entrance door programme



Rose escutcheons	Including profile cylinder with 5 keys	Surcharges	£
Note: The rose escutcheons are only poss	sible from a RAM width of 900 mm for the style	TPS 400.	
	Knob/lever handle, type D-110	Stainless steel Each	122
	Lever handle/lever handle, type D-110	Stainless steel Each	122
	Lever handle/lever handle, type D-210	Stainless steel Each	122
	Lever handle/lever handle, type D-310	Stainless steel Each	122
	Lever handle / lever handle, type D-510	Stainless steel Each	122
Calculation example			£
Conversion TPS 020 with HB 14-2 to HB 38-2	↓	Style TPS 020 in RAL 9016 with profile A1 (standard size) + Conversion from handle HB 14-2 to handle HB 38-2 = Total	1438 122 1560
Conversion TPS 700 with HB 38-2 to fitting ES 1	→ 	Style TPS 700 in RAL 9016 with profile A1 (standard size) + Surcharge for ES 1 stainless steel knob/lever fitting = Total	1877 332 2209
	ate options for styles TPS 100, TPS 200 ate only TPS 100, TPS 200 and TPS 400	and TPS 400	£ 45
Accessories	ate only 175 100, 175 200 and 175 400	surcharge	£
Prepared for letter drop (TPS 010, 040, 100, 200, 400)		per door	38
	il in the side element (only in RAL 9016 and		005
	n the side element (not milled) azing separative horizontal rail	per side element	205
• gla • mi	n the side element (milled) azing separative horizontal rail lled for installation of a letter plate m size ≥ 450 mm (width)	per side element	242

Entrance door programme



Emergency exit lock acc. to EN	179			£
Note:				
The rose escutcheons are only poss	sible from a RAM width of 900 mm for the style TPS 400.			
	// NEW			
	Multiple-point locking with anti-panic function E Panic lock with stainless steel lock cover, distance 92 mm		Each	154
	 Panic lock with stainless steel lock cover, distance 92 mm For the size range 1990 – 2250 mm 			
	Lever / knob handle set, rosette	Black plastic	Each	128
9	prepared for profile cylinder	Anodised aluminium (F1)	Each	198
		Brushed stainless steel	Each	255
- B:				
0				
\$				
	// NEW			
	Multiple-point locking with passage function D		Foob	213
	 Panic lock with stainless steel lock cover, distance 92 mm 		Each	213
	• For the size range 1990 – 2250 mm			
	Anti-panic lever handle set with split spindle, rose escutcheon	Black plastic	Each	128
1	prepared for profile cylinder	Anodised aluminium (F1) Brushed stainless steel	Each Each	198 255
		Diusi leu Stali liess steel	Eacii	255
- S				
1				
0				
\\ 	Door set opening outwards (all approved characteristics will no longer apply!)		Per door	72
)) 1.	(all approved characteristics will 110 longer apply:)			

Entrance door programme

Accessories



Profile cylinder				£
	Profile cylinder (35.5 + 27.5 mm)	With 8 keys	Each	49
	For HB 14-2, HB 38-2 and HB 38-3 push bars	With 10 keys	Each	58
	Profile cylinder (40.5 + 31.5 mm)	With 5 keys	Each	36
	For ES 0 fittings	With 8 keys	Each	49
		With 10 keys	Each	58
	Profile cylinder (40.5 + 31.5 mm) with drilling	With 5 keys	Each	75
Promotion of the promot	and pull-off protection and security card	With 8 keys	Each	102
	For fittings ES 1 and push bar with security rose escutcheon ES 1	With 10 keys	Each	119
	D 61 11 1 1	NAME OF A		
	Profile cylinder, keys to pass for push bar or fittings ES 0	With 5 keys	Each	36
		With 8 keys	Each	49
	Note:	With 10 keys	Each	58
	No keys to pass for the profile cylinder from the fitting package!			
	Profile cylinder, keys to pass, with drilling and	With 5 keys	Each	75
	pull-off protection and security card for ES 1 fittings	With 8 keys	Each	102
		With 10 keys	Each	119
	Note: No keys to pass for the profile cylinder from the fitting package!			

Colours of doc	or leaf and frame differ		Door leaf	Frame	Price for entrance door with surface
Example	Door leaf	Frame	RAL 9016	Color	Color
·	Anthracite grey	Traffic white	RAL 9016	Decor	Decor
		Color	RAL 9016	Color	
		Color	Decor	Decor	
			Decor	RAL 9016	Decor
			Decor	Color	Decor

Retractable bottom seal

16

Retractable bottom seal (Frame without threshold)





The performance characteristics thermal insulation (U_D) and water-tightness under heavy rain are limited!

£

270

Each

Entrance door programme



Profiles						£
	Bottom spacer profile	Length up to 1250 mm	Height	30 mm	Each	25
			Height	60 mm	Each	49
			Height	90 mm	Each	73
			Height	120 mm	Each	97
			Height	150 mm	Each	121
		Length up to 2250 mm	Height	30 mm	Each	40
			Height	60 mm	Each	80
			Height	90 mm	Each	119
			Height	120 mm	Each	159
			Height	150 mm	Each	198
		Length up to 3250 mm	Height	30 mm	Each	58
			Height	60 mm	Each	115
			Height	90 mm	Each	172
			Height	120 mm	Each	229
			Height	150 mm	Each	286
	Extension profile 25 mm	RAL 9016			Per m	51
	Dimensions (W x D): 25 x 60.5 mm	Color			Per m	60
25		Golden Oak, Dark Oak, Nig Titan Metallic CH 703	ght Oak, Winc	hester Oak,	Per m	63
	Extension profile 50 mm	RAL 9016			Per m	57
	Dimensions (W × D): 50 × 60.5 mm	Color			Per m	60
		Golden Oak, Dark Oak, Nig Titan Metallic CH 703	ght Oak, Winc	hester Oak,	Per m	69
	Cover profile	RAL 9016			Per box	115
	Per package 2 × 2300 mm and 1 × 1300 mm Dimensions (W × D): 50 × 5 mm Profiles sufficient for a door without side elements/transom light.	Golden Oak, Dark Oak, Niç Titan Metallic CH 703	ght Oak, Winc	hester Oak,	Per box	153
	Supplementary profile (on 3 sides)	RAL 9016			Per door	236
	Width 20 mm, mitred, incl. corner bracket and fitting screws	Color			Per door	296
	fitting screws	Golden Oak, Dark Oak, Titi	an Metallic CH	1703	Per door	306

Entrance door programme





Door closer				£
	Door leaf prepared for overhead door closer (reinforcement in door leaf)		Each	29
	Overhead door closer HDC 35 for fitting on the h For aluminium frame profile A1 or A2	inge side	Each	168
	Overhead door closer HDC 35 for fitting on the of For aluminium frame profile A2	pposite hinge side	Each	168
	Mechanical hold-open device		Each	63
) i kees				
Accessories				£
	Electric strike with day catch (separate)		Each	79
	Door set opening outwards (all approved characteristics will no longer apply!)		Per door	72
	Spyhole (fitted) (only for TPS 010, TPS 015, TPS 100, TPS 200, TPS	400 and TPS 515)	Each	49
	Rain canopy Anodised aluminium		Each	22
	Door drip	RAL 9016 Traffic white	Each	33
		Stainless steel look	Each	50
	Stainless steel cleaner and care product (150 ml)		Each	31
	Stainless steel bottom sheet on the exterior (sep. Bottom sheet height 110 mm Size range of heights for style Style TPS 010/TPS 040 TPS 015/TPS 020/TPS 025/TPS 030/TPS 10 TPS 400/TPS 515/TPS 700/TPS 750/TPS 90 Note: Not in combination with embellishments in stainless steel	Height (RAM) 1875 – 2250 mm 0/TPS 200/ 0 2050 – 2250 mm	Per door	171

Entrance door programme

Accessories



Fitting set 10 × screws and 10 × plugs Screw-in anchor set Length 280 mm (8 × anchors) Pre-compressed sealing strip (56 mm wide) for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting) Entrance door in RC 2 version (for a product description, see page 5 Attack side = opposite hinge side Package HB 14-2 with security rose escutcheon ES 1 fittings Knob/lever Stainless steel Per door	22 28 84 £
Pre-compressed sealing strip (56 mm wide) for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting) Entrance door in RC 2 version (for a product description, see page 5 Attack side = opposite hinge side Package HB 14-2 with security rose escutcheon Stainless steel Per door	84 £
for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting) Entrance door in RC 2 version (for a product description, see page 5 Attack side = opposite hinge side Package HB 14-2 with security rose escutcheon Stainless steel Per door	£
Attack side = opposite hinge side Package HB 14-2 with security rose escutcheon Stainless steel Per door	
Package HB 14-2 with security rose escutcheon Stainless steel Per door	262
escutcheon Stalliess steel Pel door	262
ES 1 fittings Knob/lever Stainless steel Per door	
	332
TPS 010 TPS 015 TPS 515 TPS 100 Lever/lever Stainless steel Per door	332
Package HB 38-2 with security rose escutcheon and safety glass (P4A) Stainless steel Per door	394
Fittings ES 1 and safety glass (P4A) Knob / lever Stainless steel Per door	464
Lever/lever Stainless steel Per door TPS 700 TPS 750 TPS 900	464
Approved size range for RC 2 version for each style	
TPS 010 TPS 700 TPS 750 TPS 900 TPS 100 TPS 155	
Width 832-1250 875-1100 875-1250	
Height 1875–2250 1875–2186 1875–2250	
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) + Conversion for package HB 38-2 with security rose escutcheon = Total	1877 394 2271
Secured By Design option	£
Secured by Design Secured by Design in conjunction with the Association of Chief Police Officers, is a security upgrade to help combat crime. The fully accredited door will come supplied with a high security cylinder complete with registration card and 3 security keys.	111

Available on styles 100, 700, 900, 010, 030, 040 and 015

Police Preferred Specification

Entrance door programme



Embellishments in s	tainless steel	look for style TPS 010 (on the exterior)		Surcharge	£
	View 451	Stainless steel frames Overall dimension 240 × 240 mm Inside dimension 160 × 160 mm	Style TPS 010	Per door	232
	View 454	Stainless steel frames Overall dimension 145 × 145 mm	Style TPS 010	Per door	232
	View 457	Curved stainless steel frames	Style TPS 010	Per door	232
	View 459	Stainless steel rings Overall dimension Ø 240 mm Inside dimension Ø 160 mm	Style TPS 010	Per door	232
	View 750	Stainless steel frame over entire leaf height	Style TPS 010	Per door	232
	View 751	3 parallel stainless steel strips over the entire leaf height	Style TPS 010	Per door	232

Entrance door programme



Embellishments in	n stainless steel lo	ook (on the exte	rior)			£
TPS 015	TPS 025	TPS 515	Embellishment in stainless steel look view 400 Inlay length 577 mm per rib for styles TPS 015 and 515 Inlay length 351 mm per rib for style TPS 025	Style TPS 015 Style TPS 025 Style TPS 515	Per door Per door Per door	181 181 120
TPS 015		TPS 515	Embellishment in stainless steel look view 401 Inlay length 118 mm per rib	Style TPS 015 Style TPS 515	Per door Per door	181
TPS 015	TPS 025	TPS 515	Embellishment in stainless steel look view 402 Inlay length 118 mm per rib	Style TPS 015 Style TPS 025 Style TPS 515	Per door Per door Per door	181 181 120
TPS 015		TPS 515	Embellishment in stainless steel look view 403 Inlay length 2 × 118 mm per rib	Style TPS 015 Style TPS 515	Per door Per door	181 120

Entrance door programme

Side elements and transom lights



Side element

Fixed side element assembly

- Not possible for door assemblies that open outwards!
- Not possible in conjunction with RC 2!

Standard size				
	400			
		2100		

Ordering sizes RAM (mm) Width × height		RAL 9016	Color	Decor
	Mastercarré	723	841	878
	Clear glass	723	841	878
	Sand-blasted float	723	841	878
400 × 2100	Ornamental glass 504	723	841	878
	Cathedral glass	723	841	878
	Sand-blasted float with clear stripes	1220	1338	1375

Side element

Fixed side element assembly

Special cizes

- Not possible for door assemblies that open outwards!
- Not possible in conjunction with RC 2!

Spec	RAMB	es
		RAMH

Ordering sizes RAM up to (mm) Width×height	Glass	RAL 9016	Color	Decor
From 300 × 1875 to 500 × 2250	Clear glass, Mastercarré, ornamental glass 504, cathedral glass or sand-	900	1018	1055
to 1000×2250 *	blasted float according to	1075	1193	1230
From 300 × 1875 to 500 × 2250	Sand-blasted float with clear stripes according to overview	1528	1645	1683
to 1000 × 2250 *	on page 23	1701	1819	1856

Only possible without transom light Door set with side element does not have a statics function. Statics must be ensured by the building structure.

Transom light

Fixed transom light assembly

Note:

- Not possible for door assemblies that open outwards!Not possible in conjunction with RC 2!

RAMB	 +
	RAMH

Ordering sizes RAM (mm) Width × height	Glass	RAL 9016	Color	Decor	
From 700 × 300 to 1250 × 500	Clear glass, Mastercarré, ornamental glass 504, cathedral glass or sand-	681	798	836	
to 2250 × 500	blasted float according to overview on page 23	900	1018	1055	

RAMB

RAMH = Overall frame dimension height

Entrance door programme

Overview of panels / glass for side elements



Infill/size range

Glass design: Exterior pane clear laminated safety glass – interior pane

	Style		Glass (Interior pane)	Size r Side element	range Transom light
	TPS 010 TPS 015	TPS 515	Mastercarré single-pane safety glass Single-pane safety glass ornamental glass 504 Sand-blasted laminated safety glass (without clear stripes) Clear laminated safety glass	Width 300 – 1000 mm Height 1875 – 2250 mm	Width 700-2250 mm Height 300-500 mm
"Modern" type A	TPS 020 TPS 025	TPS 030	Mastercarré single-pane safety glass Laminated safety glass, clear	Width 300 – 1000 mm Height 1990 – 2250 mm	Width 700 – 2250 mm Height 300 – 500 mm
	TPS 040		Single-pane safety glass ornamental glass 504 Laminated safety glass, clear	Width 300 – 1000 mm Height 1875 – 2250 mm	Width 700 – 2250 mm Height 300 – 500 mm
"Classic"	TPS 100 TPS 200	TPS 400	Single-pane safety cathedral glass Laminated safety glass, clear	Width 300 – 1000 mm Height 1875 – 2186 mm	Width 875 – 2000 mm Height 300 – 500 mm
י" type B	TPS 700 TPS 750	TPS 900	Sand-blasted laminated safety glass (without clear stripes) Laminated safety glass, clear	Width 300 – 1000 mm	Width 700–2250 mm
"Modern" type	TPS 700 TPS 750	TPS 900	Sand-blasted laminated safety glass with clear stripes (only in side element)	Height 1875 – 2250 mm	Height 300 – 500 mm

Entrance door programme

Product description





							٦	Thermo	65 – st	eel TH	Р			// NEW	// NEW	
Product description		010	015	515	100	410 S	430 E	450 E	600 S	700 B	750 C	800 S	810 E	i .	850 B	900 D
Door leaf structure																
Smooth sheet		•							•	•	•	•	•	•	•	•
Ribbed sheet			•	•												
Panelled sheet					•	•	•	•								
Door leaf thickness								65	mm thi	ck						
Fully foamed, with therma Exterior and interior overl		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Size ranges (see also p	page 30)															
Standard sizes (overall fra	· · · · · · · · · · · · · · · · · · ·						1000×2	2100 mr	m and 1	100×2	100 mi	n				
	700-1250 mm Width 1875-2250 mm Height	•							•	•	•	•	•			
Special sizes (overall	800-1250 mm Width 1875-2250 mm Height													•	•	•
frame size)	875 – 1250 mm Width 1875 – 2250 mm Height		•	•												
	875-1100 mm Width 1875-2186 mm Height				•	•	•	•								
Surface finish																
This will ensure trouble-fr Standard			inted in				e des, ba	sed on	● RAL 90	• 16	•	•	•	•	•	•
Color		•	•	91000 10	•	10 /0			•	•	•	•	•	•	•	•
		RA RA RA	AL 1015 AL 3000 AL 3003 AL 3004 AL 5010	Fire rec Ruby re Purple Gentiar	d ed red n blue		RAL 70 RAL 70 RAL 70	016 Ant 035 LigI 040 Wir	ss greer hracite (nt grey ndow gre y brown	grey ey	RA RA RA		Cream Grey w White a			
		RA	L 5014	Pigeon	blue											
Decor Foil-coating, both sides	Golden Oak	•	•	•					•	•	•	•	•	•	•	•
oii-coating, both sides	Dark Oak	•	•	•					•	•	•	•	•	•	•	•
	Night Oak	•	•	•					•	•	•	•	•	•	•	•
	Winchester Oak	•	•	•					•	•	•	•	•	•	•	•
	Titan Metallic CH 703	•	•	•					•	•	•	•	•	•	•	•
Seals		ı		ı		ı	ı	ı				ı				
Door leaf: 4-sided, doubl Frame: 3-sided seals	e sedis	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lock																
Multiple-point locking wit latch) and 2 bolts, pivotin	h main lock (with soft-lock g/hook bolt combination, stable latch slot, secondary adjustment	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electric strikes		-				-										
Electric strike with day ca	atch (separate)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Security bolts																
Safety strip on the hinge	side	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Frames		-				-						-				
Aluminium block frame w (colour matching the doc With aluminium/plastic tl with thermal break (can b	r leaf) hreshold	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Entrance door programme

Product description





			Thermo65 – steel THP													
Product description														// NEW		
		010	015	515	100	410 S	430 E	450 E	600 S	700 B	750 C	800 S	810 E	820 S	850 B	900 D
Thermal insulation value	(in W/(m²·K))															
► Dependent on the size a	and frame type					Foi	a prod	uct des	cription,	see fro	m page	∋ 30				
Version in RC 2							<u> </u>									
Attack side = hinge side	or opposite hinge side															
RC 2 with aluminium frame cylinder with drilling and pu security card and guide rolle	II-off protection as well as	0	0	0												
RC 2 with aluminium frame cylinder with drilling and pu security card, guide rollers a	, hook bolt lock, profile Il-off protection as well as									0	0	0	0		0	0
RC 2 with side element / transom light (P4A safety glass)		0	0	0						0	0	0	0		0	0
Attack side = opposite hi	nge side															
and pull-off protection as w guide rollers	, profile cylinder with drilling rell as security card and	0	0	0												
RC 2 with aluminium frame (entrance door automation) and pull-off protection as w rollers and safety glass P4A	, profile cylinder with drilling vell as security card, guide									0	0	0	0		0	0
Size ranges																
Size ranges in which an RC 2 version is possible	832-1250 mm Width 1875-2250 mm Height	0								0	0	0	0		0	0
	875-1250 mm Width 1875-2250 mm Height		0	0												
Fittings																
Hinges																
3 two-part guide rollers (18) with cover caps (stainless s	0 mm), 3-way adjustable, steel look), with securing pin	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Door handle (exterior)																
Exterior handle HB 14-2, br	rushed stainless steel	•	•	•	•	•	•	•	0	0	0	0	0	0	0	0
Exterior handle HB 38-2, br	rushed stainless steel	0	0	0	0	0	0	0	•	•	•	•	•	•	•	•
Door handle (interior)																
Stainless steel lever handle		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rose escutcheon (exterior	<u> </u>															
Oval stainless-steel profile of	cylinder rose escutcheons	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Profile cylinder Cylinder length 40.5 × 40.5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
with emergency and hazard	a function															
Glazing frames				ı .		1		l e				T -		_	_	
Stainless steel, bonded Profile-style plastic, clipped										•	•	•	•	•	•	•
7 - 1 7 - 1- 1			2000 20	1 00)		•	•	•								
• ,	ss design, see style description	JUS OU	page 3l	1-00)												
A Insulated triple glazing,B Insulated triple glazing, sand-blasted float with										•					•	
C Insulated triple glazing, sand-blasted float with	·										•					
Insulated triple glazing, sand-blasted float with																•
E Insulated triple glazing, sand-blasted float with	·						•	•					•			
S Insulated triple glazing,	Satinato					•			•			•		•		
Side element / transom li	ght															
For doors opening inwards		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
For doors opening outward	ls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Entrance door programme

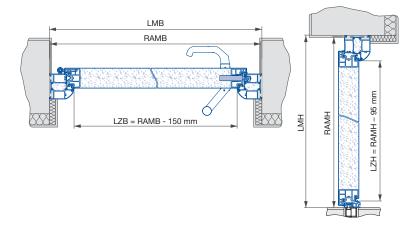
Technical presentation of door set



THP entrance doors with aluminium frame, profile A3

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

Special sizes								
THP	Overall fram	e dimension						
Styles	Width	Height						
010/600/700/ 750/800/810	700-1250	1875 – 2250						
820/850/900	800 – 1250	1875 – 2250						
015/515	875 – 1250	1875 – 2250						
100/410/430/450	875 – 1100	1875-2186						

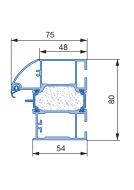


RAMB RAMH

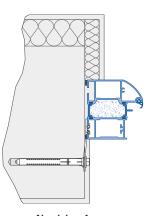
Overall frame width Overall frame dimension height LMB LMH Structural opening width Structural opening height Clear frame dimension width Clear frame dimension height

LZB LZH

Wall connections for frames

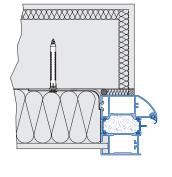


Profile A3



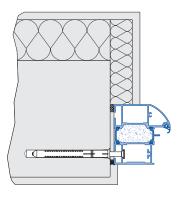
Aluminium frame

with screw-in anchor (plug-and-screw fitting)



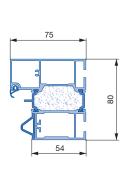
Aluminium frame

on the wall with screw-in anchor (plug-and-screw fitting)

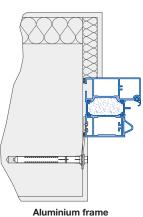


Aluminium frame

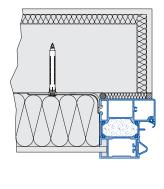
through-bolt fixing (drill holes on site)



Profile A4

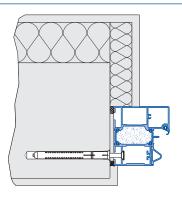


with screw-in anchor (plug-and-screw fitting)



Aluminium frame

on the wall with screw-in anchor (plug-and-screw fitting)



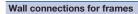
Aluminium frame

through-bolt fixing (drill holes on site)

Entrance door programme

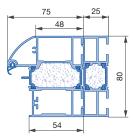
Technical presentation of door set



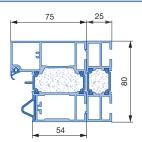




Extension profile 25 mm (optional)



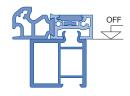
With aluminium frame profile A3



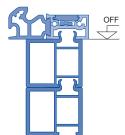
With aluminium frame profile A4

Bottom edge





With 1 bottom spacer profile



With 2 bottom spacer profiles





Base frame profile

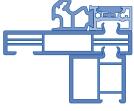
Bottom spacer profile



Base frame profile



Base frame profile above FFL

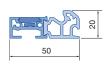


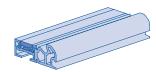
Base frame profile and bottom spacer profile Can be combined

Retractable bottom seal (option)

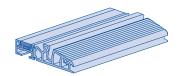


Threshold rails





80



//NEW Threshold S12 (Optional for aluminium frame profile A4)

Entrance door programme



Technical presentation of door set with side element / transom light

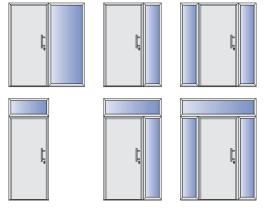
THP entrance doors with side element / transom light

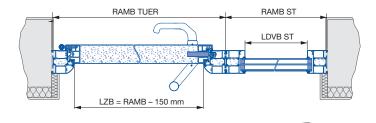
Standard sizes - Side element								
THP	Overall frame dimension							
Styles	Width	Height						
All styles	400	2100						

Special sizes - Side element								
THP	Overall frame dimension							
Styles	Width	Height						
All styles	See pages 42 and 43							

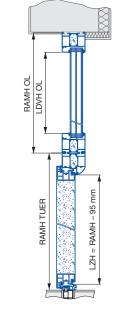
Size range – Transom light							
THP	Overall fram	e dimension					
Styles	Width	Height					
All styles	see page 42						

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









RAMB RAMH TUER OL

Overall frame width Overall frame dimension height Door Side element Transom light

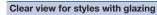
LMB LMH LZB LZH LDVB LDVH

Structural opening width Structural opening height
Clear frame dimension width Clear frame dimension height Glazing clear view width Glazing clear view height

Entrance door programme

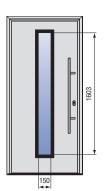
Technical presentation of clear view for doors with glazing



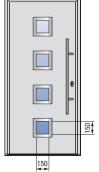




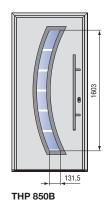
THP 410S



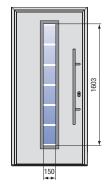
THP 600S



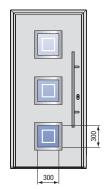
THP 800S



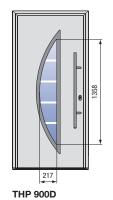
THP 430E



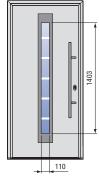
THP 700B



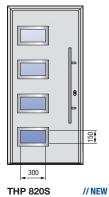
THP 810E



THP 450E



THP 750C



Entrance door programme



For a product description, see from page 24

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

Color 16 preferred colours (see page 24)





Decor	Golden Oak, Dark Oak, Night Oak, and Titan Metallic CH 703	Winchester Oak							
	and Han Metallic CH 703			Profile A3			Profile A4		
iew	Style description	Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color	Decor	
	Style THP 010								
	Smooth sheet	1000×2100	4454	4000	4544	4454	4000	4=44	
	Handle HB 14-2	1100×2100	1454	1669	1711	1454	1669	1711	
Ę		From 700 × 1875							
		to 1250 × 2250	1796	2011	2053	1796	2011	2053	
		► U _D -value for size 1230	×2180 mm: 0.8	37 W/(m²·K)					
	Style THP 015								
	Ribbed sheet with 7 ribs	1000×2100							
	Handle HB 14-2	1100×2100	1532	1747	1789	1532	1747	1789	
t		- 075 4075							
17		From 875 × 1875	1874	2089	2131	1874	2089	2131	
		to 1250 × 2250							
		► U _D -value for size 1230	× 2180 mm: 0.8	7 W/(m²·K)					
				- (
	Style THP 515 Ribbed sheet with 3 ribs		1						
	Handle HB 14-2	1000 × 2100	1532	1747	1789	1532	1747	1789	
	110.10.01.12	1100 × 2100			1100	100=			
-									
ţ,		From 875 × 1875	1874	2089	2131	1874	2089	2131	

Entrance door programme



For a produc	t description, see from page 24									
exterior aAluminiur	or leaf overlapping the frame, with thermal br and interior in same colour on frame point lock	eak,				>				
Color	16 preferred colours (see page 24)									
Decor	Golden Oak, Dark Oak, Night Oak, Winch and Titan Metallic CH 703	ester Oa	iK	'	Profile A3		P. Cl. A4			
View	Style description		Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Profile A4 Color	Decor	
	Style THP 100						,			
	Panelled sheetHandle HB 14-2	-	1000 × 2100 1100 × 2100	1483	1698	_	1483	1698	_	
		From to	875 × 1875 1100 × 2186	1824	2039	_	1824	2039	-	
		▶ U _D -\	alue for size 1230	× 2180 mm: 0.	87 W/(m²·K)					
Style THP 410S										
	 Panelled sheet 3 panes of insulated glass, exterior laminated safety glass – Satinato – interior laminated safety glass Plastic glazing frame Handle HB 14-2 	_	1000 × 2100 1100 × 2100	2444	-	-	2444	-	-	
);		From to	875 × 1875 1100 × 2186	2786	_	-	2786	_	-	
		► U _D -\	alue for size 1230	× 2180 mm: 1.	0 W/(m²·K)					
	Style THP 430E									
-	 Panelled sheet 3 panes of insulated glass, exterior laminated safety glass – sand- 	_	1000 × 2100 1100 × 2100	2444	_	-	2444	_	_	
	blasted float with clear stripes (frame) - interior laminated safety glass Plastic glazing frame Handle HB 14-2	From to	875 × 1875 1100 × 2186	2786	-	-	2786	-	-	
	• Handle HB 14-2	▶ U _D -\	alue for size 1230 :	× 2180 mm: 1.	0 W/(m²·K)					
	Style THP 450E									
	 Panelled sheet 3 panes of insulated glass, exterior laminated safety glass – sand- 	-	1000 × 2100 1100 × 2100	2444	-	-	2444	_	-	
<u> </u>	blasted float with clear stripes (frame) – interior laminated safety glass Plastic glazing frame Handle HB 14-2	From to	875 × 1875 1100 × 2186	2786	_	-	2786	-	-	
	I IGHOR I ID 17 Z		alua far alza 1000.	0400 4	0.141// 0.17					

▶ U_D -value for size 1230×2180 mm: $1.0 \text{ W/(m}^2 \cdot \text{K)}$

Entrance door programme



Decor

2824

3166

2538

2880

For a product description, see from page 24

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

Color 16 preferred colours (see page 24)

Golden Oak, Dark Oak, Night Oak, Winchester Oak Decor

and Titan Metallic CH 703



2496

2838



2496

2838

					Profile A3			Profile A			
View	Style description		Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color			
	Style THP 600S										
	Smooth sheetInsulated glass, exterior single-pane safety glass Satinato, edge with	_	1000×2100 1100×2100	2567	2782	2824	2567	2782			
	silkscreen – clear float / single-pane safety glass – interior single-pane safety glass Satinato, edge with silkscreen, surface-mounted	From to	700 × 1875 1250 × 2250	2909	3124	3166	2909	3124			
	exterior pane • Handle HB 38-2	► U _D -value for size 1230 × 2180 mm: 1.00 W/(m²-K)									
T SECOND	Style THP 700B										

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass – sand-blasted float with 7 clear stripes interior single-pane safety glass Stainless steel glazing frame
- Handle HB 38-2
- From 700 × 1875 2623 1250 × 2250

 1000×2100

1100×2100

▶ U_D -value for size 1230×2180 mm: 0.97 W/(m²-K)

2281



Style THP 750C

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass – sand-blasted float with 5 clear stripes – interior single-pane safety glass
- Stainless steel glazing frame
- Handle HB 38-2

	1000×2100	0004	2496	0500	0004	0406	0500	
	1100×2100	2281	2490	2538	2281	2496	2538	
From	700 × 1875	0602	2838	2880	2623	2838	2880	
to	1250 × 2250	2623	2030	2000	2023	2030	2000	

2538

2880

2281

2623

► U_D-value for size 1230 × 2180 mm: 0.95 W/(m²-K)



Style THP 800S

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass - Satinato interior laminated safety glass
- Stainless steel glazing frame
- Handle HB 38-2

_	1000 × 2100 1100 × 2100	2451	2666	2708	2451	2666	2708
From to	700 × 1875 1250 × 2250	2792	3007	3049	2792	3007	3049

► U_D-value for size 1230 × 2180 mm: 0.93 W/(m²-K)

Entrance door programme

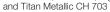


For a product description, see from page 24

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

Color 16 preferred colours (see page 24)

Golden Oak, Dark Oak, Night Oak, Winchester Oak Decor







				Profile A3			Profile A4	
View	Style description	Size (RAM)	RAL 9016	Color	Decor	RAL 9016	Color	Decor
	Style THP 810E							
<u> </u>	Smooth sheet3 panes of insulated glass, exterior laminated safety glass – sand-	1000 × 2100 1100 × 2100	2451	2666	2708	2451	2666	2708
	blasted float with clear stripes (square) – interior single-pane safety glass • Stainless steel glazing frame	From 700 × 1875 to 1250 × 2250	2792	3007	3049	2792	3007	3049
	Handle HB 38-2	► U _D -value for size 1230	×2180 mm: 0.	98 W/(m²·K)				
	Style THP 820S // NEW							
-	I							



- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass Satinato interior laminated safety glass
- Stainless steel glazing frame
- Handle HB 38-2

_	1000×2100 1100×2100	2451	2666	2708	2451	2666	2708
From to	800 × 1875 1250 × 2250	2792	3007	3049	2792	3007	3049

▶ U_D -value for size 1230×2180 mm: 0.96 W/(m²·K)



Style THP 850B

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass – sand-blasted float with 7 clear stripes – interior laminated safety glass
- Stainless steel glazing frame
- Handle HB 38-2

_	1000 × 2100 1100 × 2100	2648	2863	2905	2648	2863	2905
From to	800 × 1875 1250 × 2250	2990	3205	3247	2990	3205	3247

► U_D-value for size 1230 × 2180 mm: 0.97 W/(m²·K)



Style THP 900D

- Smooth sheet
- 3 panes of insulated glass, exterior laminated safety glass – sand-blasted float with 4 clear stripes – interior single-pane safety glass
- Stainless steel glazing frame
- Handle HB 38-2

_	1000×2100 1100×2100	2451	2666	2708	2451	2666	2708
From to	800 × 1875 1250 × 2250	2792	3007	3049	2792	3007	3049

► U_D-value for size 1230 × 2180 mm: 0.95 W/(m²-K)

Entrance door programme



n door price)			£			
 Handle HB 14-2 Brushed stainless steel As standard for styles THP 010, THP 015, THP 100, THP 410, THP 430, THP 450 and THP 515 	Surcharge for conversion to handle HB 14-2		122			
Handle HB 38-2 • Brushed stainless steel • As standard for styles THP 600, THP 700, THP 750, THP 800, THP 810, THP 820, THP 850 and THP 900	Surcharge for conversion to handle HB 38-2		122			
Handle HB 38-3 • Brushed stainless steel	Surcharge for conversion to handle HB 38-3		122			
Including profile cylinder with 5 keys		Surcharges £				
Knob/lever	Stainless steel	Each	122			
Lever/lever	Stainless steel	Each	122			
Including profile cylinder with 5 keys		Surcharges	£			
RAM width of 900 mm for styles THP 410. THP	430 and THP 450					
The wight of 900 min for Styles THE 410, THE	400 and HTF 400.					
Knob/lever	Stainless steel	Each	332			
Lever/lever	Stainless steel	Each	332			
	Brushed stainless steel As standard for styles THP 010, THP 015, THP 100, THP 410, THP 430, THP 450 and THP 515 Handle HB 38-2 Brushed stainless steel As standard for styles THP 600, THP 700, THP 750, THP 800, THP 810, THP 820, THP 850 and THP 900 Handle HB 38-3 Brushed stainless steel Including profile cylinder with 5 keys Knob/lever Including profile cylinder with 5 keys RAM width of 900 mm for styles THP 410, THP Knob/lever	Brushed stainless steel As standard for styles THP 010, THP 015, THP 100, THP 410, THP 430, THP 450 Handle HB 38-2 Brushed stainless steel As standard for styles THP 600, THP 700, THP 850 and THP 900 Handle HB 38-2 Brushed stainless steel As standard for styles THP 600, THP 700, THP 850 and THP 900 Handle HB 38-3 Brushed stainless steel Brushed stainless steel Strushed stainless steel Brushed stainless steel Brushed stainless steel Including profile cylinder with 5 keys Knob/lever Including profile cylinder with 5 keys Including profile cylinder with 5 keys Stainless steel Including profile cylinder with 5 keys Stainless steel	Handle HB 14-2 • Brushed stainless steel • As standard for styles THP 010, THP 015, THP 430, THP 430, THP 450 and THP 515 Handle HB 38-2 • Brushed stainless steel • As standard for styles THP 600, THP 700, THP 700, THP 700, THP 800, THP 810, THP 800, THP 8			

Entrance door programme



Rose escutcheons	Including profile cylinder with 5 keys	s	Surcharges	£
Note: The rose escutcheons are only pos	sible from a RAM width of 900 mm for styles THF	2 410, THP 430 and THP 450.		
	Knob/lever handle, type D-110	Stainless steel	Each	122
	Lever handle / lever handle, type D-110	Stainless steel	Each	122
	Lever handle / lever handle, type D-210	Stainless steel	Each	122
	Lever handle / lever handle, type D-310	Stainless steel	Each	122
	Lever handle / lever handle, type D-510	Stainless steel	Each	122
Calculation example				£
Conversion THP 010 with HB 14-2 to HB 38-2	t _i →	Style THP 010 in RAL 9016, profile A3 (standard size) + Conversion from handle HB 14-2 to handle HB 38-2 = Total		1454 122 1576
Conversion THP 700 with HB 38-2 to fitting ES 1	→	Style THP 700 in RAL 9016, profile A3 (standard size) + Surcharge for ES 1 aluminium knob/lever fitting = Total		2281 332 2613

Entrance door programme

Accessories



Automatic lock • Multiple-point locking with main lock and 2 bolts, pivoting/hook bolt combination • Mechanical self-locking mechanism • For Thermo65 with handle HB 14-2, HB 38-2 and HB 38-3 • For Thermo65 with lever/knob handle set ES 0/ES 1 • For Thermo65 with rose escutcheon knob/lever handle Note: • Not possible in combination with electric strike.

Entrance door automation

Multiple-point locking with opening via a hand transmitter

- Automatic lock with electric motor
- Including 1 hand transmitter HSE4BS
- For Thermo65 with handle HB 14-2/HB 38-2/HB 38-3
- For Thermo65 with lever/knob handle set ES 0/ES 1

Note:

• Not possible in combination with electric strike.



Multiple-point locking with opening via a radio finger-scan and hand transmitter

- Automatic lock with electric motor
- Including 1 hand transmitter HSE 4 BS and 1 finger-scan FFL 12 BS
- For Thermo65 with handle HB 14-2/HB 38-2/HB 38-3
- For Thermo65 with lever/knob handle set ES 0/ES 1

Note:

Not possible in combination with electric strike.



Additional 4-button hand transmitter HSE 4 BS

- In black
- Textured plastic surface with plastic caps

Per door

Per door

899

Each

1083

Entrance door programme



Emergency exit lock acc. to Note:	EN 113			£
	possible from a RAM width of 900 mm for styles THP 400, THP 430 a	and THP 450.		
9	// NEW			
	Multiple-point locking with anti-panic function E Panic lock with stainless steel lock cover, distance 92 mm For the size range 1990 – 2250 mm		Each	154
	Lever / knob handle set, rosette	Black plastic	Each	128
	prepared for profile cylinder	Anodised aluminium (F1)	Each	198
		Brushed stainless steel	Each	255
Q .8.				
10				
0				
<u></u>	// NEW			
	Multiple-point locking with passage function D		Each	213
	Panic lock with stainless steel lock cover, distance 92 mm		Lacii	210
	• For the size range 1990 – 2250 mm	Disabatis	F	400
9	Anti-panic lever handle set with split spindle, rose escutcheon	Black plastic Anodised aluminium (F1)	Each Each	128 198
71	prepared for profile cylinder	Brushed stainless steel	Each	255
		Diusileu staililess steel	Lacii	200
6.89				
10				
(()				
(Door set opening outwards		Per door	72
	Door set opening outwards		Per door	72

Entrance door programme

Accessories



ofile cylinder				£
	Profile cylinder (40.5 + 40.5 mm) for HB 14-2, HB 38-2	With 8 keys	Each	49
	and HB 38-3 push bars	With 10 keys	Each	58
	Profile cylinder (45.5 + 45.5 mm) for ES 0 fittings	With 5 keys	Each	36
		With 8 keys	Each	49
		With 10 keys	Each	58
	Profile cylinder (45.5 + 40.5 mm) with drilling and pull-off	With 5 keys	Each	75
	protection and security card for HB 14-2, HB 38-2 and HB 38-3 push bars with security rose escutcheon ES 1	With 8 keys	Each	102
	and the 50-5 push bars with security tose escutched it 25 it	With 10 keys	Each	119
	Profile cylinder (45.5 + 45.5 mm) with drilling and pull-off	With 5 keys	Each	75
	protection and security card for ES 1 fittings	With 8 keys	Each	102
		With 10 keys	Each	119
	Profile cylinder, keys to pass, for push bar or ES 0 fittings	With 5 keys	Each	36
JI S	Note:	With 8 keys	Each	49
	No keys to pass for the profile cylinder from the fitting package!	With 10 keys	Each	58
	Profile cylinder, keys to pass, with drilling and pull-off protection	With 5 keys	Each	75
	and security card for ES 1 fittings	With 8 keys	Each	102
	Note:	With 10 kevs	Each	119

Colours of door	leaf and frame differ		Door leaf	Frame	Price for entrance door with surface
Example	Door leaf	Frame	RAL 9016	Color	Color
	Anthracite grey	Traffic white	RAL 9016	Decor	Decor
		Color	RAL 9016	Color	
		Color	Decor	Decor	
			Decor	RAL 9016	Decor
			Decor	Color	Decor
8					

No keys to pass for the profile cylinder from the fitting package!

Bi-colour entrance doors, side elements or transom light	Surcharge	£	
Door leaf and frame/side element / transom light	0 1 1 11	Per door	114
 Exterior in decors Golden Oak, Dark Oak or Titan Metallic CH 703 	Surcharge for version with decor surface	Per side element	54
 Interior in Traffic white RAL 9016 	docor surface	Per transom light	54

- for frame profile A3
- Opening inwards
- Not possible for styles THP 100, THP 410, THP 430 and THP 450!

Entrance door/side element Thermo65, exterior decor Golden Oak Dark Oak

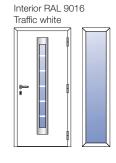












Example THP 750

Entrance door programme



Threshold / bottom door edge						£
	Threshold S11 (Standard)				No sur	charge
	// NEW Threshold S12 (optional) Note: Only for aluminium frame profile A4.				Each	33
	Retractable bottom seal (Frame without threshold) Notes: Not for styles 100, 410, 430 and 450! Not possible in conjunction with RC 2! The performance characteristics thermal ins and water-tightness under heavy rain are lim				Each	270
Profiles						£
Tromes	Bottom spacer profile	Length up to 1250 mm	Height	30 mm	Each	25
	Bottom opacor promo	Longar up to 1200 mm	Height	60 mm	Each	49
			Height	90 mm	Each	73
			Height	120 mm	Each	97
			Height	150 mm	Each	121
		Length up to 2250 mm	Height	30 mm	Each	40
		Length up to 2250 mm		60 mm	Each	80
			Height	90 mm	Each	119
			Height	120 mm		
			Height		Each	159
			Height	150 mm	Each	198
		Length up to 3250 mm	Height	30 mm	Each	58
			Height	60 mm	Each	115
			Height	90 mm	Each	172
			Height	120 mm	Each	229
			Height	150 mm	Each	286
	Base frame profile	Length up to 1250 mm	Height	15 mm	Each	25
	(black)	Length up to 2250 mm	Height	15 mm	Each	40
	J	Length up to 3250 mm	Height	15 mm	Each	58
	Extension profile 25 mm	RAL 9016			Per m	57
	Dimensions (W × D): 25 × 80 mm	Color			Per m	65
	` ,	Golden Oak, Dark Oak, Ni Titan Metallic CH 703	ght Oak, Winc	hester Oak,	Per m	69
	Cover profile	RAL 9016			Per box	115
	Per package 2 × 2300 mm and 1 × 1300 mm Dimensions (W × D): 50 × 5 mm Profiles sufficient for a door without side elements.	Golden Oak, Dark Oak, Ni Titan Metallic CH 703	ght Oak, Winc	hester Oak,	Per box	153

Entrance door programme



Profiles				£
	Supplementary profile (on 3 sides)	RAL 9016	Per door	236
	Width 20 mm, mitred, incl. corner bracket and fitting screws	Color	Per door	296
	and intuing sciews	Golden Oak, Dark Oak, Titan Metallic CH 703	Per door	306
Door closer				£
	Door leaf prepared for overhead door clo (reinforcement in door leaf)	ser	Each	29
	Overhead door closer HDC 35 for fitting of For aluminium frame profile A3 or A4	on the hinge side	Each	168
	Overhead door closer HDC 35 for fitting of For aluminium frame profile A4	on the opposite hinge side	Each	168
The Control of the Co	Mechanical hold-open device		Each	63
jeneg				
Accessories				£
	Electric strike with day catch (separate) Note: Not possible in conjunction with an automatic	e lock.	Each	79
	Latch switching contact For main latch, main lock		Each	97
	Door set opening outwards		Per door	72
	Spyholes (only for THP 010, THP 015, THP 100, THP 4	410 and THP 515)	Each	49
	Rain canopy Anodised aluminium		Each	22

Entrance door programme





Accessories				£
	Door drip	RAL 9016 Traffic white	Each	33
		Stainless steel look	Each	50
	Stainless steel cleaner and care product (150 ml)		Each	31
	Stainless steel bottom sheet on the exterior (separate) Bottom sheet height 110 mm Size range of heights for style			
	Style	Height (RAM)		
	010	1875 – 2250 mm	Per door	171
	100/410/430/450/015/515/600/700/750/800/81	0/850/900 2050-2250 mm		
Fitting material	Note: Not in combination with embellishments in stainless steel look	x, view 451, 454, 457, 459, 750 and 751.		£
<u> </u>				
(10x)	Fitting set 10 x screws and 10 x plugs		Per set	22
(100)	Screw-in anchor set Length 280 mm (8 × anchors)		Per set	28
	Pre-compressed sealing strip (74 mm wide) for groove widths from 6 – 15 mm 5.90 m roll (approved for RAL fitting)		Per roll	109

Entrance door programme



	•	a product description, see pag	e 25				£
► Multiple-	point locking (automat	posite hinge side or hinge side ic lock): attack side = opposite ic lock with electric motor): atta	= = = = = = = = = = = = = = = = = = = =				
			Package HB 14-2 with security rose escutcheon		Stainless steel	Per door	262
Ļ	ļ, ļ,		ES 1 fittings	Knob/lever	Stainless steel	Per door	332
THP 010	THP 015 THP 515			Lever/lever	Stainless steel	Per door	332
A			Package HB 38-2 / HB 38-3 with security rose escutcheon and safety glass (P4A)		Stainless steel	Per door	394
			Fittings ES 1 and safety glass (P4A)	Knob/lever	Stainless steel	Per door	464
THP 700	THP 750 THP 800	THP 810 THP 850 THP 900		Lever/lever	Stainless steel	Per door	464
Approved s	ize range for RC 2 vers	sion for each style					
	THP 010	O THP 750 THP 8	00 THP 810 THP 850 Th	HP 900	THP 015	THP 515	
Width	5.5	832 – 1		000	875 –	1250	
Height		1875 – 2	2250		1875-	-2250	
Side elemei	nts and transom lights	in RC 2					£
			Clear glass and safety glass (P4	IA)	Per s	ide element	163
	Side parts		Satinato and safety glass (P4A)		Per s	ide element	163
Only possible in the size range with a width of 400 – 550 mm (overall frame dimension).			0	d-blasted float and safety glass (P4A) Per side eler			
		vordii irairie diirionomy.	Sand-biasted float and safety g	lass (P4A)	Per s	ide element	163
		voran na no annonsion).	Sand-blasted float with clear str			ide element ide element	163
	Tunna Belik	votali itali e di itolisio i).		ripes and safety gla	ass (P4A) Per s		
		size range with a height verall frame dimension).	Sand-blasted float with clear str	ripes and safety gl	ass (P4A) Per s	ide element	163
	Only possible in the	size range with a height	Sand-blasted float with clear str Clear glass and safety glass (P4	ripes and safety gl	eass (P4A) Per s Per tr	ide element ansom light	163
Example for	Only possible in the of 400 – 500 mm (ov	size range with a height	Sand-blasted float with clear str Clear glass and safety glass (P4 Satinato and safety glass (P4A)	ripes and safety gl	eass (P4A) Per s Per tr	ansom light	163 163 163
Conversion 38-2 to pa	Only possible in the of 400 – 500 mm (ov	size range with a height verall frame dimension).	Sand-blasted float with clear str Clear glass and safety glass (P4 Satinato and safety glass (P4A) Sand-blasted float and safety g	ipes and safety glass (P4A)	eass (P4A) Per s Per tr	ansom light ansom light ansom light	163 163 163 163



Thermo65 Steel / Aluminium Entrance Doors More entrance door for your money

- Attractive appearance thanks to the 65 mm door leaf without visible leaf profile
- Extremely safe due to the 5-point security lock as standard and optional RC 2 security equipment
- Exceptionally high thermal insulation with a U_D-value of up to 0.87 W/(m²⋅K)



Entrance door programme



Embellishments in s	tainless steel	look for style THP 010 (on the exterior)		Surcharge	£
	View 451	Stainless steel frames Overall dimension 240 × 240 mm Inside dimension 160 × 160 mm	Style THP 010	Per door	232
	View 454	Stainless steel frames Overall dimension 145 × 145 mm	Style THP 010	Per door	232
	View 457	Curved stainless steel frames	Style THP 010	Per door	232
	View 459	Stainless steel rings Overall dimension Ø 240 mm Inside dimension Ø 160 mm	Style THP 010	Per door	232
	View 750	Stainless steel frame over entire leaf height	Style THP 010	Per door	232
	View 751	3 parallel stainless steel strips over the entire leaf height	Style THP 010	Per door	232

Entrance door programme



Embellishments in	n stainless steel lo	ook (on the exterior)			£
		Embellishment in stainless steel look view 400 Inlay length 577 mm per rib	Style THP 015	Per door	181
THP 015	THP 515		Style THP 515	Per door	120
		Embellishment in stainless steel look view 401	Style THP 015	Per door	181
THP 015	THP 515	Inlay length 118 mm per rib	Style THP 515	Per door	120
		Embellishment in stainless steel look view 402	Style THP 015	Per door	181
THP 015	THP 515	Inlay length 118 mm per rib	Style THP 515	Per door	120
		Embellishment in stainless steel look view 403	Style THP 015	Per door	181
THP 015	THP 515	Inlay length 2 × 118 mm per rib	Style THP 515	Per door	120

Entrance door programme

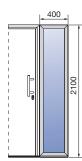
Side elements and transom lights



Side element

Fixed side element assembly

Standard size

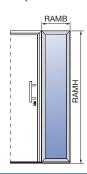


Ordering sizes RAM (mm) Width × height	Glass	RAL 9016	Color	Decor
400×2100	Clear glass	919	1037	1074
	Satinato	919	1037	1074
	Sand-blasted float	919	1037	1074
	Sand-blasted float with clear stripes	1416	1533	1571

Side element

Fixed side element assembly

Special sizes



Ordering sizes RAM up to (mm) Width × height	Glass	RAL 9016	Color	Decor
From 300 × 1875 to 500 × 2250	Clear glass, Satinato or sand- blasted float according to overview on page 47	1096	1213	1251
to 1000×2250 *		1271	1388	1426
From 300 × 1875 to 500 × 2250	Sand-blasted float with clear stripes according to overview	1723	1841	1878
to 1000×2250 *	on page 47	1897	2014	2052

Only possible without transom light Door set with side element does not have a statics function. Statics must be ensured by the building structure.

Transom light

Fixed transom light assembly



Ordering sizes RAM (mm) Width × height	Glass	RAL 9016	Color	Decor
From 700 × 300 to 1250 × 500	Clear glass, Satinato or sand-	738	855	893
to 1750 × 500	blasted float according to overview on page 47	889	1007	1044
to 2250 × 500		1095	1212	1250

RAMB = Overall frame width

= Overall frame dimension height RAMH

Entrance door programme

Overview of glass for side elements

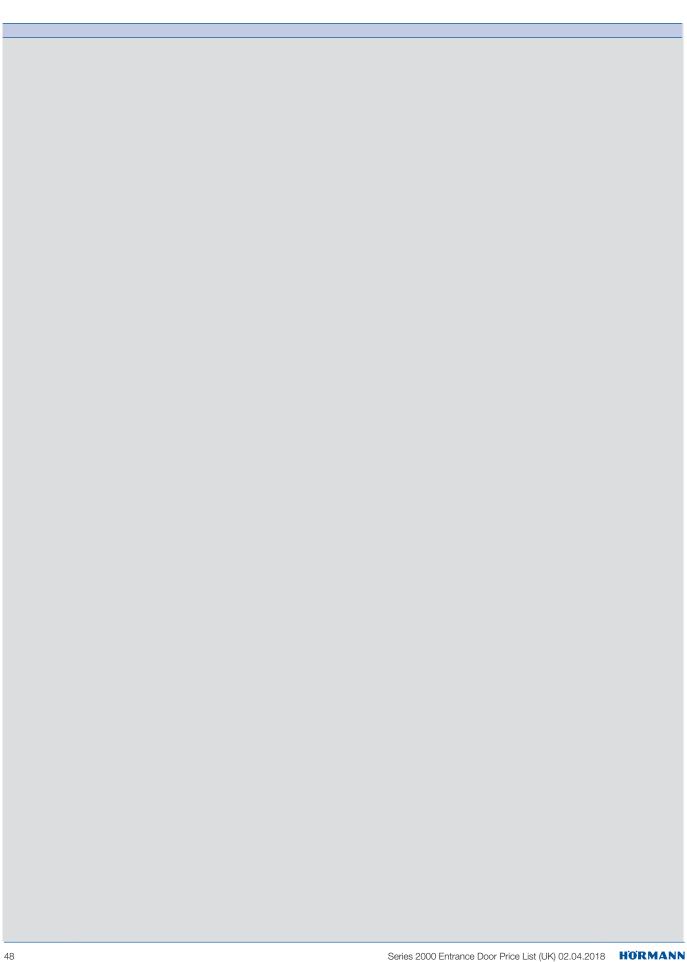


Infill/size range

Glass design: exterior pane clear laminated safety glass – intermediate pane – interior pane clear laminated safety glass

Style	Glass (Intermediate pane)	Size range Side element Transom light
THP 010 THP 015 THP 515	Sand-blasted float without clear stripes Satinato Float, clear	Width Width 300 – 1000 mm 700 – 2250 mm Height Height 1875 – 2250 mm 300 – 500 mm
THP 100	Sand-blasted float without clear stripes Satinato Float, clear	Width 300 – 1000 mm 875 – 2000 mm Height Height 300 – 500 mm
THP 410	Satinato Float, clear	Width 300 – 1000 mm 875 – 2250 mm Height Height 300 – 500 mm
THP 430 THP 450	Sand-blasted float without clear stripes Float, clear	Width 300-1000 mm Height 1875-2186 mm Width 875-2000 mm Height 300-500 mm
THP 600 THP 800 THP 820	Satinato Float, clear	Width 300-1000 mm Height 1875-2250 mm Width 700-2250 mm Height 300-500 mm
THP 700 THP 810 THP 850 THP 900	Sand-blasted float without clear stripes Float, clear	Width 300 – 1000 mm 700 – 2250 mm
THP 700 THP 750 THP 850 THP 900	Sand-blasted float with clear stripes (only in side element)	Height 1875 – 2250 mm 300 – 500 mm

Notes and Sketches



Steel Security Doors RC 2

KSI Thermo46 with thick rebate, sheet thickness 0.6 – 0.8 mm





Standard / special sizes

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.

- Aluminium block frame profile A2 with aluminium / plastic threshold rail
- With thermal break
- Colour matching the door leaf

Surface finish

- Standard: Painted in Traffic white on both sides, based on RAL 9016, silk matt, gloss level 35 - 40%
- Color: 16 preferred colours, painted on both sides, based on the RAL colour chart, silk matt, gloss level 35 - 40 %

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

Hinges

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

Standard sizes	3	State handing
	Ordering sizes (Overall frame dimension)	With aluminium block frame (profile A2)
	875×2000	1349
쉡	875×2125	1349
	1000×2000	1382
	1000×2100	1382
	1000×2125	1382
	1100×2100	1382
Special sizes		State handing
	Ordering sizes (Overall frame dimension)	With aluminium block frame (profile A2)
9	From 832 × 1875 to 1250 × 2250	1723

Preferred colour (Color)*	Surcharge £
Door leaf and frame in preferred colour (Color)	215

- RAL 1015 Light ivory
- RAL 3000 Flame red
- RAL 3003 Ruby red
- RAL 3004 Purple red
- RAL 5014 Pigeon blue
- RAL 6005 Moss green
- RAL 7016 Anthracite grey
- RAL 7035 Light grey
- RAL 7040 Window grey
- RAL 5010 Gentian blue RAL 8003 Clay brown RAL 8028 Terra brown
- RAL 9001 Cream
- RAL 9002 Grey white
- RAL 9006 White aluminium
- RAL 9007 Grey aluminium
- Surcharge £ Door leaf and frame in decor
 - Golden Oak Dark Oak

Night Oak

Retractable bottom seal (frame without threshold)

- Winchester Oak
- Titan Metallic CH 703

Accessories			
Spyhole, fitted		Each	49
Slide rail door closer HDC 35		Each	168
Prepared for door closer (reinforcement in door	leaf)	Each	29
Lever handle / lever handle, ES 1 stainless steel		No surc	harge
Electric strike with day catch (separate)			79
	Height 30 mm	Each	25
	Height 60 mm	Each	49
Bottom spacer profile	Height 90 mm	Each	73
	Height 120 mm	Each	97
	Height 150 mm	Each	121
Pre-compressed sealing strip (56 mm wide) for 6-15 mm, 5.90 m roll	groove widths from	Per roll	84
Daniel de	RAL 9016	Each	33
Door drip	Stainless steel look	Each	50
Stainless steel bottom sheet (separate), height	Each	171	
Fitting set (10 × screws and 10 × plugs)		Per set	22

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

⚠ The performance characteristics thermal insulation (UD) and water-tightness under heavy rain are limited!

270

MZ Thermo46 Thick Rebate - Steel

Sheet thickness 0.6 - 0.8 mm

Standard / special sizes

Product description

- 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-point locking) prepared for profile cylinder, with profile cylinder 40.5 + 27.5 mm and 3 keys, without emergency and hazard function
- ► Ordering size = overall frame dimension (nominal size)

Color *

RAL 1015	Light ivory	RAL 6005	Moss green	RAL 9001	Cream
RAL 3000	Flame red	RAL 7016	Anthracite grey	RAL 9002	Grey white
RAL 3003	Ruby red	RAL 7035	Light grey	RAL 9006	White aluminium
RAL 3004	Purple red	RAL 7040	Window grey	RAL 9007	Grey aluminium
RAL 5010	Gentian blue	RAL 8003	Clay brown		
RΔI 5014	Pigeon blue	RAI 8028	Terra brown		



A2 profile

	∩⊔ 702				
Dark Oak, Night Oak, Winchester Oak and Titan Metallic C Style description	JH 703	Size (RAM)	RAL 9016	Color	Decor
Style TPS 011		875 × 2000			
3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless	_	875 × 2125	797	1011	1053
Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	•-	1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	830	1044	1086
	From to	700 × 1750 1250 × 2250	1172	1386	1428
	► U _D value for size 12	230 × 2180 mm: 1.	1 W/(m²·K)		
Style TPS 021A 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless)	_	875 × 2000 875 × 2125	1187	1656	1698
steel look) Double-pane insulated glazing, 28 mm thick, exterior single-pane safety glass, interior sand-blasted laminated safety glass Plastic glazing frame in door frame colour 1) Lever handle set (lever handle / lever handle) made		1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	1218	1687	1729
of plastic, black, rose escutcheon	From to	700 × 1875 1250 × 2250	1560	2029	2070
	► U _D value for size 12	230 × 2180 mm: 1.	4 W/(m²·K)		
Style TPS 051A 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless).	_	875 × 2000 875 × 2125	1187	1656	1698
steel look) Double-pane insulated glazing, 28 mm thick, exterior single-pane safety glass, interior sand-blasted laminated safety glass Plastic glazing frame in door frame colour 1)	_ _ _	1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	1218	1687	1729
of plastic, black, rose escutcheon	From to	875 × 1875 1250 × 2250	1560	2029	2070
	► U _D value for size 12	230 × 2180 mm: 1.	6 W/(m²·K)		
Style TPS 051F 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium / stainless).	-	875 × 2000 875 × 2125	1187	1656	1698
steel look) Double-pane insulated glazing, 28 mm thick, exterior laminated safety glass, interior clear single-pane safety glass Plastic glazing frame in door frame colour 1)		1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	1218	1687	1729
of plastic, black, rose escutcheon	From to	875 × 1875 1250 × 2250	1560	2029	2070
	 Style TPS 011 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon Style TPS 021A 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) Double-pane insulated glazing, 28 mm thick, exterior single-pane safety glass, interior sand-blasted laminated safety glass Plastic glazing frame in door frame colour ¹) Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon Style TPS 051A 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) Double-pane insulated glazing, 28 mm thick, exterior single-pane safety glass Plastic glazing frame in door frame colour ¹) Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon Style TPS 051F 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) Double-pane insulated glazing, 28 mm thick, exterior laminated safety glass, interior clear single-pane safety glass, interior clear single-pane safety glass, interior clear single-pane safety glass Plastic glazing frame in door frame colour ¹) Lever handle set (lever handle / lever handle) made Plastic glazing frame in door frame colour ¹) Lever handle set (lever handle / lever handle) made	Style TPS 011 • 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/ stainless steel look) • Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon From to	Style TPS 011 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	Style TPS 011	Style TPS 011

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

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









Accessories

Note:

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

Optional extras See from page 53

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

Please see your Hörmann specialist dealer

MZ Thermo65 Thick Rebate - Steel

Sheet thickness 0.6 - 0.8 mm

Standard / special sizes



Product description

- 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-point locking) prepared for profile cylinder, with profile cylinder 40.5 + 45.5 mm and 3 keys, without emergency and hazard function
- ► Ordering size = overall frame dimension (nominal size)

Color *

RAL 1015	Light ivory	RAL 6005	Moss green	RAL 9001	Cream
RAL 3000	Flame red	RAL 7016	Anthracite grey	RAL 9002	Grey white
RAL 3003	Ruby red	RAL 7035	Light grey	RAL 9006	White aluminium
RAL 3004	Purple red	RAL 7040	Window grey	RAL 9007	Grey aluminium
RAL 5010	Gentian blue	RAL 8003	Clay brown		
RAL 5014	Pigeon blue	BAL 8028	Torra brown		



A4 profile

Decor *

ew	Style description		Size (RAM)	RAL 9016	Color	Decor
	Style THP 011 • 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless)	_	875 × 2000 875 × 2125	1204	1418	1460
_	steel look) Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	- - -	1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	1234	1449	1490
		From to	700 × 1750 1250 × 2250	1576	1790	1832
	•	▶ U _D value for size 1	230 × 2180 mm: 0	.87 W/(m²·K)		
	Style THP 051A • 3 two-part guide rollers (180 mm), three-way adjustable with cover caps (aluminium/stainless steel look) • 3 panes of insulated glass, exterior laminated safety glass, sand-blasted float, interior laminated safety glass • Plastic glazing frame • Lever handle set (lever handle / lever handle) made of plastic, black, rose escutcheon	_	875 × 2000 875 × 2125	1607	-	-
		- - -	1000 × 2000 1000 × 2100 1000 × 2125 1100 × 2100	1638	-	-
		From to	875 × 1875 1250 × 2250	1979	-	-

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

		MZ Thermo46	MZ Thermo65
Locking			
Multiple-point locking (hook bolt lock with rose escutcheon)* Lever handle / lever handle, stainless steel (from door height 1875 mm)		426	426
Door closers			
Prepared for overhead door closer (reinforcement in door leaf)		29	29
Slide rail overhead door closer HDC 35		168	168
Mechanical hold-open device	Each	63	63
Fittings			£
	Black plastic (standard)	84	84
Lever handle set type D-110, rose escutcheon, prepared for profile cylinder	Anodised aluminium (F1) *	184	184
	Brushed stainless steel *	241	241
	Black plastic *	128	128
Lever/knob handle set type D-110, rose escutcheon, prepared for profile cylinder	Anodised aluminium (F1) *	198	198
	Brushed stainless steel *	255	255

Optional Extras

MZ Thermo46, MZ Thermo65

M2 111011110-10, M2 111011110

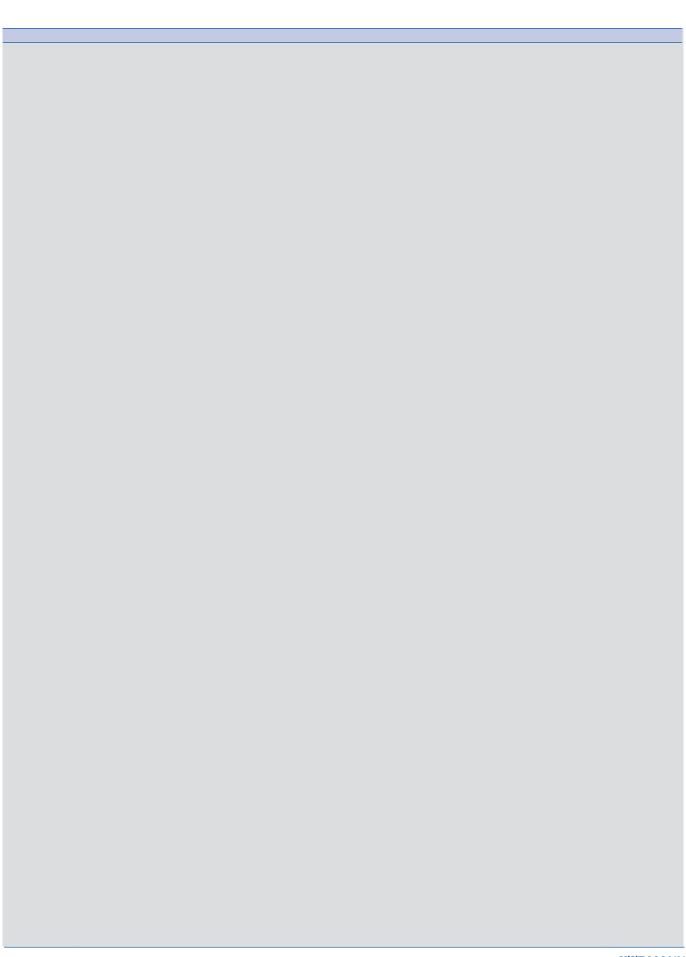




		MZ Thermo46	MZ Thermo65
Emergency exit lock acc. to DIN EN 179 (opening outwards)			£
Escape door with single-point locking	With anti-panic function E	153	153
(Anti-panic lock with stainless steel lock cover, distance 92 mm, left-hand	With split spindle, passage function D	185	185
hinged or right-hand hinged)	With split spindle, change-over function B	185	185
Multiple-point locking (anti-panic lock with stainless steel cover, distance	With anti-panic function E	458	458
92 mm, left-hand hinged or right-hand hinged) A Possible from door height 1990 mm	With split spindle, passage function D	516	516
	Black plastic *	128	128
Lever / knob handle set type D-110, rose escutcheon, prepared for profile cylinder	Anodised aluminium (F1) *	198	198
- Contraction	Brushed stainless steel *	255	255
A	Black plastic *	128	128
Anti-panic lever handle set type D-110 with split spindle, rose escutcheon, prepared for profile cylinder	Anodised aluminium (F1) *	198	198
propared for profile dyffinder	Brushed stainless steel *	255	255
Profiles		·	Per m £
	RAL 9016	51	57
Extension profile 25 mm	Color	60	65
	Decor	63	69
	RAL 9016	57	-
Extension profile 50 mm	Color	65	-
	Decor	69	-
Cover profile (package is a difficient for one deep set)	RAL 9016 Per b	ox 115	115
Cover profile (package is sufficient for one door set)	Decor Per b	ox 153	153
	RAL 9016 Per do	or 236	236
Supplementary profile (3-sided), width 20 mm, mitred, incl. corner bracket	Color Per do	or 296	296
and fitting screws	Golden Oak, Dark Oak, Titan Metallic CH 703	or 306	306
Accessories			
Retractable bottom seal (frame without threshold)		270	270
Latch switching contact		_	97
Spyhole (THP 011)		49	49
Electric strike with day catch (separate)		79	79
Stainless steel bottom sheet (separate), height Style 011 Height	RAM 1750 – 2250 mm Ea	ch 171	171
110 mm Style 051 Height	RAM 1875 – 2250 mm	GII 171	171
Screw-in anchor set, length 280 mm (8 × anchors)	Pers	set 28	28
Fitting set (10 × screws and 10 × plugs)	Pers	set 22	22
Door drip	RAL 9016 Ea	ch 33	33
(For doors opening inwards)	Stainless steel look Ea	ch 50	50
Rain canopy	Anodised aluminium	22	22
Pre-compressed sealing strip (width 56 mm) for groove widths between 6-	15 mm, 5.9 m roll Per	roll 84	-
Pre-compressed sealing strip (width 74 mm) for groove widths between 6-	15 mm, 5.9 m roll Per	roll –	109
Offset lever height from 775 mm to 1275 mm from FFL (only possible with s	ingle-point locking)	86	86
Bottom spacer profile	Height 30 mm Ea	ch 25	25
	Height 60 mm Ea	ch 49	49
	Height 90 mm Ea	ch 73	73
	Height 120 mm Ea	ch 97	97
	Height 150 mm Ea	ch 121	121
Base frame profile	Height 15 mm Ea	ch -	25
Threshold S12 (optional)	Ea	ch -	33

^{*} Replaces standard fittings

Notes and Sketches



Notes and Sketches

Hörmann: Quality without Compromise



Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and Asia, make Hörmann your strong partner for first-class building products, offering "Quality without Compromise".

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