

Fire resistant door – FSA NovoPorta Premio EI₂ 60-1

64 mm thick

Highly fire retardant **Exclusive fire resistant door**. Tested to EN 1634 with European Technical Assessment ETA-17/0443.

Door panel: 64 mm thick, rebate on 3 sides, with **thick rebate**. Sheet thickness 1.0 mm. Two securing pins. Reinforcement for door closer inside on hinge side, fireproof strips on 3 sides.

Frame: Corner frame 2.0 mm thick with CR seal on 3 sides, with wall plug anchors. Wrap-around door frame, two-part wrap-around frame type 2140B, block frame or counter frames (counter frames 1.5 mm thick) available at additional cost (wrap-around frame and block frame are supplied knocked down, with concealed screw fastening). The standard corner frame is supplied without floor recess. Additional anchors are supplied.

Surface: Door panel galvanized and primed (powder coated) similar to RAL 9016. Frame galvanized and primed (powder coated), similar to RAL 9016. Door panel and frame optionally also available in an RAL of choice (powder coated).

Hardware: PC mortice lock with drawback latch, with black rounded handle set (turn lock mounted). **Note:** If the doors are smokeproof, a profile cylinder must be supplied and mounted by the customer!

Hinges and locking devices: 1x 3-part hinge plate, 1x 3-part spring hinge, with hinge pin safeguard.
> BR 1000 x 2125 mm incl. Dorma TS 89 or GEZE TS 4000 door closer

Corner frame can also be supplied with bolt-mounted rebate for fair faced masonry/concrete

NovoPorta Premio EI₂ 60-1 is approved for installation in interior walls made of:

- **Concrete** Thickness ≥ 100 mm
- **Masonry** Thickness ≥ 115 mm
- **Foam mortar** Thickness ≥ 150 mm/reinforced foam mortar ≥ 150 mm (check additional charge for 2140B frame / counter frame)
- **Plasterboard EI60/EI90** Thickness ≥ 100 mm EI60/EI90 wall (steel partition wall) made of gypsum plasterboard and steel studs (observe additional charge for 2-part wrap-around frame profile 2140B + door closer) + refer to table on page 296/297!

Custom fit base sizes <small>lease state opening direction when ordering</small>					
Order sizes Coordinating sizes	Unit price Standard with corner frame	Unit price SMOKEPROOF incl. corner frame and door closer**	Unit price with frame for retrofitting in lightweight partition wall (EI60/EI90) 2-part wrap-around frame 2140B* without floor recess, width of facing on side opposite hinge 84 mm for wall thicknesses NORM 100 / 125 / 150 mm		Added to unit with 2140B - frame: Lightweight partition wall Special wall thickness 100 – 300 mm
Width x Height		with RS1 sill lowerable floor seal	Standard incl. door closer**	Smokeproof with door closer** RS1 sill, lowerable floor seal	
mm	€/each	€/each	€/each	€/each	Additional cost €/each
from 625 x 1750 to 875 x 2000	925,-	1456,-	1413,-	1708,-	61,-
up to 875 x 2125	1065,-	1596,-	1553,-	1848,-	
up to 1000 x 2000	945,-	1476,-	1433,-	1728,-	
up to 1000 x 2125	1112,-	1643,-	1600,-	1895,-	
up to 1000 x 2250**	1454,-	1749,-	1706,-	2001,-	
up to 1000 x 2375**	1764,-	2059,-	2016,-	2311,-	
up to 1000 x 2500**	2095,-	2390,-	2347,-	2642,-	
up to 1125 x 2125**	1315,-	1610,-	1567,-	1862,-	
up to 1250 x 2000**	1365,-	1660,-	1617,-	1912,-	
up to 1250 x 2125**	1465,-	1760,-	1717,-	2012,-	
up to 1250 x 2250**	1486,-	1781,-	1738,-	2033,-	
up to 1250 x 2375**	1797,-	2092,-	2049,-	2344,-	
up to 1250 x 2500**	2155,-	2450,-	2407,-	2702,-	
up to 1375 x 2000**	2252,-	2547,-	2504,-	2799,-	
up to 1375 x 2250**	2560,-	2855,-	2812,-	3107,-	
up to 1375 x 2375**	2629,-	2924,-	2881,-	3176,-	
up to 1375 x 2500**	2698,-	2993,-	2950,-	3245,-	

* WITHOUT backfilling material for the frame. Observe additional cost

** incl. DORMA TS 89 or GEZE TS 4000, silver coloured, for installation on the hinge side

doors with 1.0 mm sheet thickness

Width \ Height	750	875	1000	1125	1250	1375
1750	0	0	0	0	x	x
2000	0	0	0	x	x	x
2125	0	0	0	x	x	x
2250	0	0	x	x	x	x
2375	0	0	x	x	x	x
2500	0	x	x	x	x	x

0 = Standard version only available with spring hinge
x = Door closer compulsory for weight reasons

Special equipment

NovoPorta Premio EI₂ 60-1

Pos.	Article	Additional costs €/each				
1	2-part wrap-around frame PROFIL 2140B for retrofitting, width of facing on side opposite hinge = 60 mm when installed in lightweight partition wall = 84 mm	Wall thickness 100 – 145 mm	Wall thickness up to 205 mm	Wall thickness up to 270 mm	Wall thickness up to 300 mm	Wall thickness up to 450 mm
		€/each	€/each	€/each	€/each	€/each
1.1	For installation in masonry, concrete and foam motar¹⁾ (incl. masonry anchors/dowel plates for weld-on installation, please indicate type of wall and installation when ordering.)	252,-	278,-	314,-	352,-	421,-
1.2	For installation in lightweight partition walls¹⁾ EI60/EI90 steel partition walls ≥ 100 mm thick, preassembled for visible screw mounting, without floor recess, incl. screws. Without backfilling material for the frame (see additional cost for item 6).	NORMAL wall thickness 100/125/150 ³⁾ mm			SPECIAL wall thickness 100-300 ³⁾ mm	
		252,-			314,-	
2	Wrap-around frame / Add-on frame / Counter frame for retrofitting (Dowel plates for weld-on installation provided on site, or see additional cost in Hardware/Accessories tab.)	Wall thickness 100 – 145 mm	Wall thickness 146 – 205 mm	Wall thickness 206 – 270 mm	Wall thickness 271 – 330 mm	Wall thickness 331 – 450 mm ³⁾
		€/each	€/each	€/each	€/each	€/each
2.1	rap-around frame 2.0 mm for installation in masonry/concrete width of facing on opposite side of hinge = 30 mm	195,-	222,-	250,-	301,-	390,-
2.2	Add-on frame 1.5 mm for installation in masonry/concrete width of facing on opposite side of hinge = 30 mm	222,-	222,-	250,-	301,-	390,-
2.3	Counter frame 1.5 mm for installation in masonry/concrete/ foam motar¹⁾ width of facing on opposite side of hinge = 80 mm	267,-	267,-	301,-	336,-	401,-
3	Block frame "buted installation" (without floor recess, MW 80 mm, sketch required) Installation variants, page 215, see separate Engineering design section)	a) Connection to wall corners types 1 and 2 a) Connection in the reveal (Trim profile, 2-sided) type 2				undergoing testing
4	Shade groove approx. 13 x 13 mm (with wrap-around frame one side/both sides; with corner frame only one side)	Per wall side				65,-
Installation variants/frame backfilling options						
5	Rebate bolt mounting for corner frame for installation in fair faced masonry/concrete (Corner frame with holes already drilled/pre-assembled at the factor for concealed rebate bolt mounting incl. complete installation kit.)					19,-
6	Gypsum plasterboard strips for lining the 2140B frame for installation in lightweight partition walls					98,-
7	Door panel on both sides 1.5 mm sheet metal thickness					Not available
8	Door unit highly fire retardant EI2 60 and smokeproof¹⁾ as per EN 1634-3 and/or soundproof as per EN ISO 717-1	Laboratory value for full panel door with mortar installation. The sound insulation value that can be achieved on site is: laboratory value -5 dB.			Note: Upper door closer compulsory for doors with smoke protection. Please note additional extra cost!	
	a) with lowerable floor seal type RS1	undergoing testing			295,-	
	b) with double lowerable floor seal type 2RS1	undergoing testing			444,-	
9	oor unit highly fire retardant EI2 60 and burglar resistant as per EN 1627 RC2 with FH-LM security knob-lever set as per DIN 18257 ES 1 ZA, profile cylinder as per DIN 18252 P2 BZ, safety card, Standard mortice lock as per DIN 18250 (BMH 1000 PZW).	Door unit RC3			367,- On request	

¹⁾ Door closer compulsory when installing in foam motar and lightweight partition walls or installing smokeproof doors. Please note possible additional cost!

²⁾ Note: Wall thickness plus 2 mm = throat opening of 2140B frame (automatically taken into account at the factory)

³⁾ Counter frames for wall thicknesses > 450 mm on request

▶ Glazing in standard and special designs	Page E3/E4
▶ Top panel/fanlight	Not available
▶ Other special equipment options (electrics/special locks/sills, etc.)	On request
▶ Hardware (FSU/FSB/OGRO/VIELER/HEWI) (see Hardware/Accessories tab)	Starting on page 216
▶ Anti-panic locks and hardware (incl. self-engaging) (see Hardware/Accessories tab)	Starting on page 228
▶ rofile cylinder	Page 227
▶ Door closers and hold-open systems (with door closer system, hold-open magnet, swing door operator) (see Hardware/Accessories tab)	Starting on page 251
▶ Fasteners (for fair faced masonry, etc.)	Starting on page 278
▶ ngineering design	Starting on page 291

Standard glazing

Additional cost for EI2 60-1 NovoPorta Premio fire resistant door with F 60 transparent glazing for indoor use* with glazing profile made of steel

Admissible size range for fire resistant doors from BR 625 x 1750 mm!

Door closer (TS 4000 or TS 89) is included in extra price for glazing!

If basic door price already includes a door closer (TS 4000 / TS 89), a price reduction of € 236.00 applies

Note about fastening the glazing frame on standard and customized glazing:

Steel strips are visibly bolted on both sides. Cover profiles (without visible fastening) in stainless steel are optionally available.

Standard glazing		
<p>Glass size 200 x 600 mm</p>	<p>Glass size 460 x 910 mm</p>	<p>Glass size 460 x 1500 mm</p>
<p>Extra price 1335,- €</p>	<p>Extra price 2225,- €</p>	<p>Extra price 2875,- €</p>
<p>from min. 704 mm BR width</p>	<p>from min. 965 mm¹⁾ BR width</p>	<p>from min. BRM 965 x 2075 mm</p>

¹⁾ from min BRM height 2095 mm pedestal height 910 mm possible

Standard glazing	
<p>Round glazing 350 mm</p>	<p>Round glazing 450 mm</p>
<p>Extra price 2330,- €</p>	<p>Extra price 2580,- €</p>
<p>from min. 855 mm BR width</p>	<p>from min. 955 mm BR width</p>

* Standard glazing profiles made of steel with transparent fire resistant glazing. Glass for indoor use only, UV resistant as per EN ISO 12543-4 Section 6, also suitable for areas exposed to sunlight (shield glass from direct halogen light radiation. Glass can only be used within a temperature range of -20 to +50°C).

Sketches only apply for door size 1000 x 2000 mm!

BRM = coordinating size

Customized glazing

Additional cost for EI2 60-1 NovoPorta Premio fire resistant door with F 60 transparent glazing for indoor use* with glazing profile made of steel

Door closer (TS 4000 or TS 89) is included in extra price for glazing!

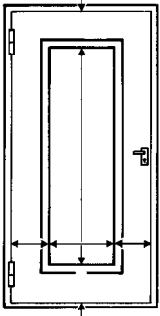
If basic door price already includes a door closer (TS 4000 / TS 89), a price reduction of € 236.00 applies.

Note about fastening the glazing frame on standard and customized glazing:

Steel strips are visibly bolted on both sides. Cover profiles (without visible fastening) in stainless steel are optionally available.

Customized glazing

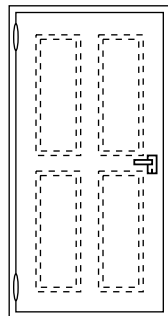
Customized glazing of choice



Additional charge per glazing in €, glass surface up tom²

0,30	0,40	0,50	0,60	0,80	1,00	1,20	1,30
2530,-	2655,-	2805,-	2880,-	2995,-	3130,-	3345,-	3495,-

Special shapes and multi-pane glazing



Multi-pane glazing and special shapes with vertical/horizontal sash bar.
Frieze widths min. 200 mm top and hinge side, min. 220 mm lock side, min. 300 mm pedestal.
Frieze widths between multiple panes min. 200 mm.

Additional charge on request

With glazing of choice, please note:

Calculation formula for maximum glazing: Clear glass width = BR minus 504 mm, clear glass height = BR minus 575 mm, min. glass size is approx. 170 x 270 mm, max glass size is approx. 750 x 1785 mm.

Special equipment for glazing

Pos.	Article	Additional cost €/each
1	Impact resistant F60 glass as per EN 356 P4A for doors with additional RC2 protection (please indicate hazard side when ordering) ¹⁾	Per glazing undergoing testing
2	Glazing profiles with additional stainless steel cover profile, sanded finish, for rectangular- standard glazing*	Per glazing 256,-
3	Glazing profiles with additional stainless steel cover profile, sanded finish, for rectangular customized glazing*	Per glazing 318,-
4	Glazing profiles with additional stainless steel cover profile, sanded finish, for round glazing*	Per glazing 221,-

* without visible fastening

¹⁾ **Please note:** Door units combined with anti-panic locks and glazing can only be supplied as per EN 1627 RC2

BRM = coordinating size.