

A close-up photograph of a human hand reaching out towards a large, intense fire. The fire is bright orange and yellow, with thick black smoke rising from it. The hand is positioned on the right side of the frame, with the fingers slightly curled. The background is dark, making the fire and the hand stand out. The overall composition is dramatic and emphasizes the danger of fire.

**Fire Proof  
Closures**

The logo for novoferm, featuring the brand name in a white, lowercase, sans-serif font with a horizontal line above the 'o' and 'f'. The logo is set against a blue oval background.

**novoferm<sup>®</sup>**

**Blind, Sliding,  
Glazed Doors**



Fire proof door type "Elite" has unique characteristics that clearly distinguish it from traditional fire proof doors. The particular construction of the door permits a perfect alignment between leaf and frame, complete flatness of the leaf even close to hinges.

19 mm. thick rebate avoids accident risks in case of contact with person.

On request the exterior finishing can be in stainless steel or in laminate. With appropriate devices, it can reach certified levels of noise reduction up to 41 dB.

Door leaf and frame are made from galvanized steel. On request it's possible to apply handles with rosette, colored or stainless steel handles.

The range of certification covers all types of fixing modalities: wall angles/clamps on masonry, dry anchorage through anchor bolts, fixing on metallic frame through screws, kit for plasterboard.

Hinges are fixed with screws (not welded), with sliding ball-bearing, set for heavy traffic and high-load conditions. The particular constructions allows leaf adjustability by means of special screws that normally are covered from view by special inserts snap.

Hinges are constructed to be easily replaced if necessary in accordance with the maintenance program under Ministerial Decree M.I. of 21.06.2004 (fire closures) and D.L. 626/94 and 242/96 (escape routes).

The internal door REI 30 "Asia" has been developed to satisfy the needs of healthcare facilities and hotels in accordance to Italian Rules.

The ASIA door combines modern and elegant design with some specific characteristics hardly reachable by wooden doors, i.e. certified strength and wide size range. We offer a complete range of certified solutions: one or two leaves, with glazing up to 40x60 cm, with different materials on the two sides (e.g stainless steel on one side and aluminum on the other, stainless steel with painted stainless steel etc..).

**STANDARD SIZE**

DOOR WITH ONE LEAF H=2050		
STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *
800x2050	790x2045	726x2013
900x2050	890x2045	826x2013
1000x2050	990x2045	926x2013
1250x2050	1240x2045	1176x2013
1350x2050	1340x2045	1276x2013

DOOR WITH ONE LEAF H=2150		
STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *
800x2150	790x2145	726x2113
900x2150	890x2145	826x2113
1000x2150	990x2145	926x2113
1250x2150	1240x2145	1176x2113
1350x2150	1340x2145	1276x2113

DOOR WITH TWO LEAVES H=2050		
STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *
1250x2050 (800+450)	1240x2045	1176x2013
1350x2050 (900+450)	1340x2045	1276x2013
1450x2050 (1000+450)	1440x2045	1376x2013
1600x2050 (800+800)	1590x2045	1526x2013
1800x2050 (1000+800)	1790x2045	1726x2013
2000x2050 (1000+1000)	1990x2045	1926x2013

DOOR WITH TWO LEAVES H=2150		
STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *
1250x2150 (800+450)	1240x2145	1176x2113
1350x2150 (900+450)	1340x2145	1276x2113
1450x2150 (1000+450)	1440x2145	1376x2113
1600x2150 (800+800)	1590x2145	1526x2113
1800x2150 (1000+800)	1790x2145	1726x2113
2000x2150 (1000+1000)	1990x2145	1926x2113

(\*) normal size with leaf rotated 180° - size expressed in mm.

**STANDARD SIZE**

DOOR WITH ONE LEAF H=2050			DOOR WITH TWO LEAVES H=2050		
STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *	STRUCTURAL WALL SIZE ORDER SIZE (LMxHM)	EXTERNAL FRAME (LTxHT)	NOMINAL SIZE (LNxHN) *
790x2150	780x2140	730x2115	1300x2150 (880+420)	1290x2140	1240x2115
890x2150	880x2140	830x2115	1500x2150 (980+520)	1490x2140	1440x2115
990x2150	980x2140	930x2115	1700x2150 (980+720)	1690x2140	1640x2115
			1900x2150 (980+920)	1890x2140	1840x2115

(\*) normal size with leaf rotated 180° - size expressed in mm.





The MAGNUM door Rei 120 represents the best solution to divide big wall size, where fire proof sliding door cannot fit.

Door is realized with modular panels composed by vertical elements, hinged to a tubular structure with adjustable hinges. On request: panic device, closing devices controlled by a central fire system.



Leaf Closing Selector



Fire proof sliding door is a technical closure for industrial use in case of wide surface (over 50 mq).

The particular construction allows the installation also in other locations, sometimes with a gypsum wall to hide it. The vertical alignment is maintained by a bottom hidden wheel, without floor guide.

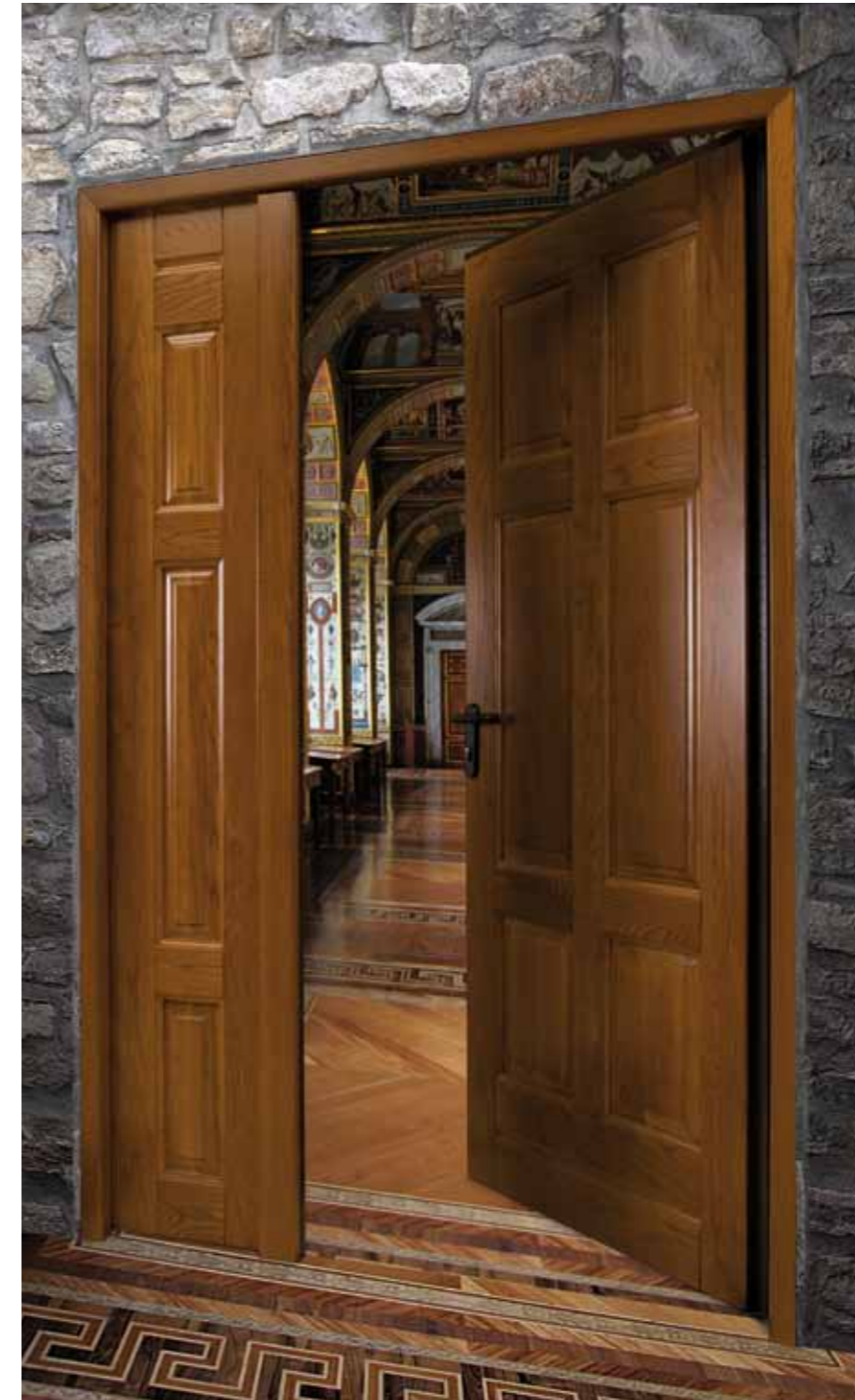
All moving components are easily verifiable for maintenance and repairing.

The closing movement works with an adjustable counterweight, usually regulated by a thermofuse.



On request: pass door with or without panic device, closing devices controlled by a central fire system, motor, special painting. In special conditions it can be available a sliding door closing in vertical direction.





### Why Scudo?

- Low costs compared to a traditional fire proof wooden door.
- More possibilities in size. By means of a mixed structure it can be used measures that exceed the limit of fire proof wooden doors. Up to 265 cm. wide!
- More solutions than standard wooden doors: insertion of round and rectangular window on both leaves.
- Wide range of finishing.



**Scudo** door is a certified fire proof door with metal structure and wooden covering. This material is not just a coating, but a combination that takes advantage of the technical aspects of the metal door, plus the esthetical richness of wood.



# Hinges



**Stainless steel hinge**

**Stainless steel hinge** with hidden adjustment device. Used where the presence of water can be a problem for the traditional hinges. The adjustment of the door is carried out through stainless steel screws, placed under the innovative sliding system. This allows to hide the screws but maintaining the simplicity in adjustment. Optional in Elite and Novoglass doors.

**Sintered steel hinges** with rollaway adjustment system and bearing movement. This system ensures fluid and light motion even with considerable weight. As standard equipment these hinges are mounted on Stahlglass and Novoglass doors.

**Steel hinges** equipped with plastic hinge covers. They avoid external agents and dust to spoil the hinge. On request different colors. As standard equipment these hinges are mounted on Elite, Metal And Novoglass Doors.

# Panic Device and Door Closer

INovoGuard is the panic bar certified according to UNI EN1125, the one with less encumbrance in the market, equipped with high luminescent strip (Novoferm patent). NovoGuard and NovoPush complete the exclusive range of panic bars produced directly by Novoferm, a global benchmark for fire and sectional doors.

According to European law EN1125, NovoGuard is reversible, compact and complete with aluminum bar and colored strip, which highlights escape way. (patented)



**New NovoGuard**

**NovoGuard**  
The Panic device with less encumbrance in the market (encumbrance 79 mm)

It has a lever mechanism of rotation of ball bearing with variable effort. Minimum drive (patented). Available in different lengths, it is easily shortened, in any position without holes / slots for interlocking the fingers, resistant to corrosion. Available in different finishes to match any setting and with the possibility of installation through the cylinder, handle and cylinder outside, etc..



**Slide action arm**

**Scissor action arm**



**Black Novopush (B2)**  
Only by Novoglass (encumbrance 73 mm)

**Stainless steel Novopush (B1)**  
Only by Novoglass (encumbrance 73 mm)

**NovoPush Panic Device**  
All panic bars work with mechanism inside the leaf, this allows the door to open even operating only on the secondary leaf. In the case of "Alustahl" doors, due to the high thickness of the door, it must be verified the functionality of panic device on double leaves. Available in black or silver finish.



**Door handle with rosette for Stahlglass - Alustahl**

Standard color black  
On request stainless steel



**Nylon handle with plate for Novoglass**

Pleasant design, "U" form  
Standard Cylinder with 3 keys  
Standard color black  
On request stainless steel.



**Door closer**

Functioning through a rack-rail spring plunged on a oil bath placed on the leaf. The oil allows a soft door reclosing. The door closer is equipped with a dual speed control device: a) with door open for more than 10 degrees; B) b) with door open less than 10 degrees (approximately). Operation is carried out by a scissor arm connecting the pump to the leaf. All covered with black structure.



***novoferm***<sup>®</sup>

**NOVOFERM SCHIEVANO s.r.l.**  
35012 Camposampiero  
Padova (Italy)  
Via A. Volta, 1

Tel. +39 049 9315111  
Fax +39 049 9301877

[export@novoferm.it](mailto:export@novoferm.it)  
[www.novoferm.it](http://www.novoferm.it)

Authorised Novoferm dealer:

