



## PROGET multipurpose doors

**"safer because  
they are sturdier"**





## **PROGET NINZ Doors**

*MULTIPURPOSE VERSION*

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# Features

## PROGET multipurpose doors

### THE MULTIPURPOSE DOOR IN A CLASS OF ITS OWN

#### „Indisputable quality“

- Especially sturdy door for safe functioning over time
- Built to order for all kinds of requests
- Fully galvanized door, including the “hidden” parts
- Made of “Sendzimir” processed hot-galvanized sheet metal
- Corrosion protection also provided along cut edges of the metal sheets
- Painted with epoxy-polyester thermoset powders in a 180 degrees (Celsius) oven
- Substantial paint layer (70 microns plus)
- Optimal corrosion resistance demonstrated by 500 hour salt-fog test
- Unaffected by severe climate changes, demonstrated by 2000 hours with +60° to -10° cycles at 75% humidity
- Finishing with high-quality aesthetics
- Orange skin anti-scratch structured paint
- Customizable with wide selection of RAL colors

#### CE marking for external use

- Wind resistance and water tightness
- Acoustic and thermal isolation
- Air permeability
- Suitable for use with panic bar

#### “Practicality of use”

- Truly sturdy frame that facilitates anchoring to the wall
- Suitable for all types of walls
- Ample size range
- Wide variety of accessories
- Easy installation

#### “Versatility”

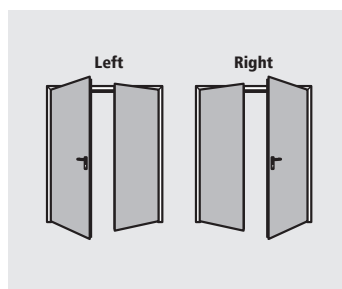
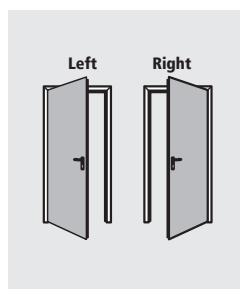
- Very wide field of application
- Can be combined with various frame types
- Installation onto any wall type
- Installation with a block frame possible

#### “Manufacturing technology”

- Manufacturing in modern and functional facilities which employ the latest technologies to maintain high quality levels and product uniformity
- The entire production process - from raw materials to painted and packaged products - takes place inside Ninz’s own facilities, ensuring a 360 degree door control

#### Opening direction

Opening direction needs to be indicated while ordering



One-leaved doors



Two-leaved doors

#### NOTE

The colors represented in the photos are not standard.  
Door closer provided upon request only.



## STANDARD ELEMENTS

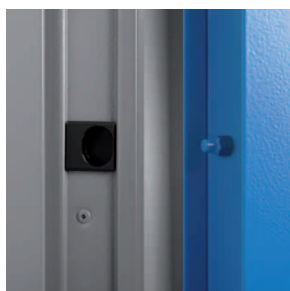
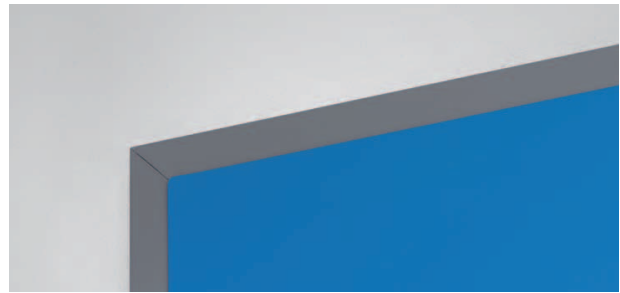
which comprise Proget fire doors:

### Door leaf

- Made of "Sendzimir" processed hot-galvanized sheet metal, press folded and electro welded
- Perimetral rebate on 3 sides, flat at the bottom
- Internally reinforced with hot-galvanized steel profiles
- Heat-insulated treated mineral wool packing that is rigidly joined to the sheet metal
- Internal stiffeners for overhead door closer and panic bar
- Single thickness of 60 mm

### Standard frame

- Sturdy profile with a sizeable cross section
- Made of "Sendzimir" processed hot-galvanized sheet metal
- Equipped with special assembly brackets
- Grooves for rebate sealing
- Standard installation via anchors for mortar fixing
- Upon request installation via expansion or installation screws (delivered without wall anchors)
- Lower spacer, mounting template
- Rests on finished flooring without rebate
- Strike plates in black plastic for lock bolt and safety bolts
- Assembly required for doorframes



### Hinges

- Nr. 2 three-wing hinges for each leaf
- of which one ball-bearing hinge with screws for vertical adjustment of the leaf, **CE** marked as per EN 1935, classified for up to 160 kg load, 200.000 cycles durability, suitable for fire door use
- and one hinge with self-closing spring

### Safety bolts

- Nr. 1 sturdy safety bolt applied on hinge side leaf edge

### Locking mechanism

- Reversible locking mechanism with bolt and central latch
- Insert with patent key, Euro profile cylinder ready

### Handle

- Handle in black plastic with steel core
- Steel installation plate with cylinder hole
- Backplate in black plastic
- Fastener screws and patent key insert

### NOTE

Cylinder and sealing provided on request only.  
The handle requires assembly.

# Features

## PROGET multipurpose doors



### INCLUDED ACCESSORIES

which comprise Proget multipurpose doors:

#### Locking mechanism on secondary leaf

- "Flush-bolt" automatic latching of the passive leaf
- Lever control for unlocking

#### Upper coupling system for the secondary leaf

- Secondary leaf lock activated device which inserts rod into the upper strike box
- Upper strike box in pierced steel with steel roller

#### Lower coupling system for the secondary leaf

- Vertical rod with steel point which inserts into lower strike box
- Lower floor catch (floor-mounted bushing) made of black plastic with rebate stopper

#### Identification plate

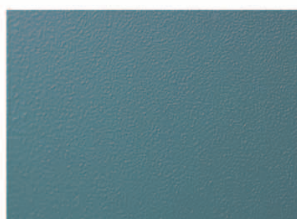
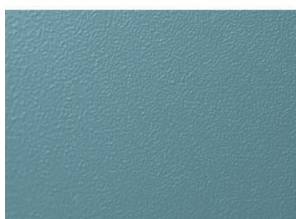
- Metal tag with door identification data



#### Standard paint - group 01:

leaf color NCS 4020-B50G

frame color NCS 5020-B50G



### Finishing

- Standard paint with epoxy-polyester thermoset powders in a 180 degrees oven, orange skin, anti-scratch finishing
- Standard pastel turquoise color, lighter tone for the leaf (NCS4020-B50G), darker tone for the frame (NCS5020-B50G)

### Standard packaging

- Single leaf wrapped into stretchable polyethylene (PE) film
- Single packaging for each doorframe with stretchable polyethylene (PE) film
- Palletized on wooden pallets

### Door weight

### kg/m<sup>2</sup> of wall opening

1 leaf	29
2 leaves	26

### NOTE

If the door ever needs to be repainted, follow the precise instructions on the "painting" page.

### OPTIONAL ACCESSORIES

A wide variety of accessories and surface finishes are available on request for maximum value enhancement of Proget doors to your own specific needs.

The proper accessories can help resolve:

#### Safety-related needs

- Doors for panic exits (see panic bars)
- Doors for emergency exits (see emergency exit handles)
- Three-point locking mechanism

#### Installation and utilization needs

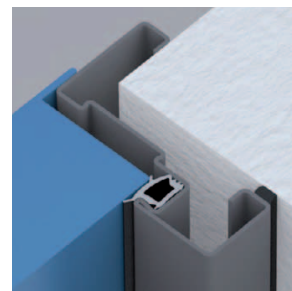
- Special frames
- Frame extensions
- Floor-mounted floor catch in galvanized steel
- Drip steel-profile
- Special installation screws
- Kick and protection plates
- Rectangular windows, standard or built to order
- Round windows
- Wide variety of louvers

#### Access-related control issues

- Electrically-activated lock mechanisms
- Electric handle mechanisms
- Magnetic blocking mechanisms

#### Performance enhancing

- Sealing
- Cylinders
- Door closers
- Special handles



#### Customized finishing

- Select finishing from a wide variety of RAL colours
- NDD – Ninz Digital Decor, graphic images applied with special ink jets and protected by a transparent topcoat. Infinite varieties of customizable decorations in harmony with specific door settings
- Stainless steel handles
- Colored handles

#### Packaging for maximum protection

Sturdy wooden crates protect all doors and related accessories

- For NDD decorated doors
- On construction sites
- During shipping abroad
- For special transport

#### NOTE

Details about optional accessories may be found in the present brochure in chapters:

- Finishing
- Accessories for metal doors
- Panic exit devices

## MULTIPURPOSE WINDOW WITH METAL WINDOW FRAME

Upon request one- and two-leaved doors may be equipped with round or rectangular windows, with different types of glass and respective window frames fixed with screws. The window frame carter is included for round window and available as an optional accessory for the rectangular one.

### Production limits

Window sizes are standard and the minimum border strips around the window may not be reduced.

### Borders, window position

"Border measurement" refers to the distance from the edge of the window to the wall opening of the door.

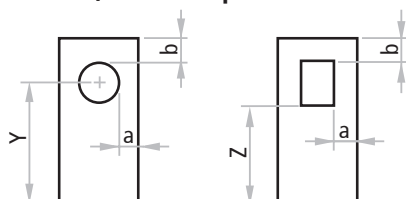
### Elevation for round windows

window dimensions	FM H	position
Ø 300	minimum 1950	Y=1600
Ø 300	less than 1950	Y=FM H - 350
Ø 400	minimum 2150	Y=1600
Ø 400	from 1950 to 2149	Y=1550
Ø 400	less than 1950	Y=FM H - 400

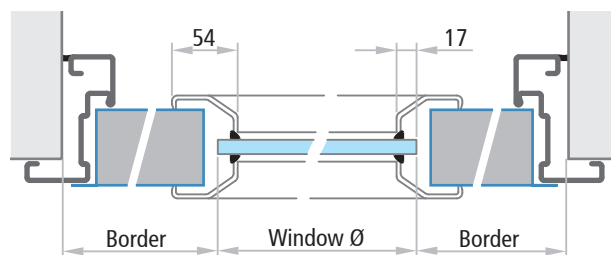
### Elevation for rectangular windows

window dimensions L x H	FM H	position
250/300/400 x 400	minimum 2150	Z=1450
250/300/400 x 400	from 1950 to 2149	Z=1350
250/300/400 x 400	less than 950	Z=FM H - 600
400 x 600	minimum 2150	Z=1250
400 x 600	from 1950 to 2149	Z=1150
400 x 600	less than 1950	Z=FM H - 800
400 x 1200	minimum 2150	Z=650
400 x 1200	from 1950 to 2149	Z=550
400 x 1200	less than 1950	Z=FM H - 1400
400 x 600 KIPP	minimum 2150	Z=1250
400 x 600 KIPP	from 2050 to 2149	Z=1150
400 x 600 KIPP	less than 2050	Z=FM H - 800
min. 250 x 250		Z=as indicated by costumer

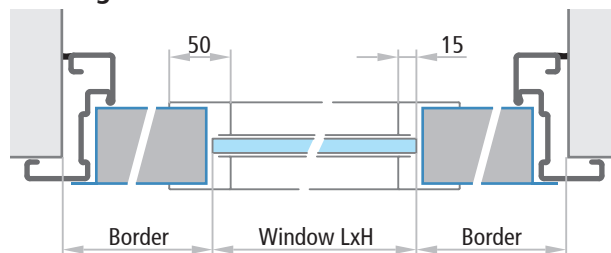
### Borders, window position



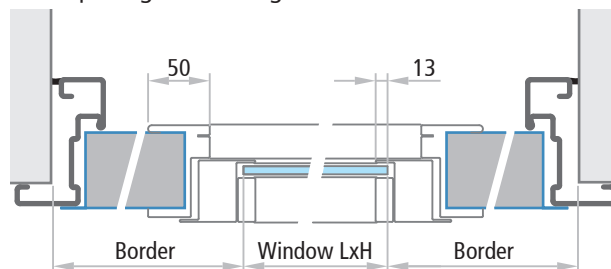
### Round window cross section



### Rectangular window cross section



### KIPP window cross section with opening on the hinge side






# Specific optional accessories - Windows

## PROGET multipurpose doors



### Window dimensions

		min. border		dimensions FM L min.	
		a	b	L1	L2
	Ø 300	200	200	700	
	Ø 400			800	
	Ø 300	200	200	L1 700 + L2 350	
	Ø 400			L1 800 + L2 350	
	Ø 300	200	200	L1 700 + L2 700	
	Ø 400			L1 800 + L2 800	

### Glasses available







#### shapes available

screened glass	6,5 mm	rectangular
screened crystal glass	6,5 mm	rectangular
laminated glass	3 + 3 mm	rectangular, circular
laminated glass	4 + 4 mm	rectangular
low emission double glass window	4 + 12 + 4 mm	rectangular
screened glass	6,5 mm	Kipp rectangular

### NOTE

Position and measurements indicated above are those standard. Different positions may be considered as long as they respect the minimum "a" and "b" border strips. The window itself may not be supplied separately except for replacements. It is always advisable for doors with windows to be equipped with door closers for controlled closing.

### Window dimensions

		min. border		dimensions FM L min.	
		a	b	L1	L2
	250 x 400	200	200	650	
	300 x 400	200	200	700	
	400 x 400	200	200	800	
	400 x 600	200	200	800	
	400 x 1200	200	200	800	
	Windows made to order min.250x250	200	200	650	
	400 x 600 KIPP	300	300	1000	
	250 x 400	200	200	L1 650 + L2 350	
	300 x 400	200	200	L1 700 + L2 350	
	400 x 400	200	200	L1 800 + L2 350	
	400 x 600	200	200	L1 800 + L2 350	
	400 x 1200	200	200	L1 800 + L2 350	
	Windows made to order min.250x250	200	200	L1 650 + L2 350	
	400 x 600 KIPP	300	300	L1 1000 + L2 350	
	250 x 400	200	200	L1 650 + L2 650	
	300 x 400	200	200	L1 700 + L2 700	
	400 x 400	200	200	L1 800 + L2 800	
	400 x 600	200	200	L1 800 + L2 800	
	400 x 1200	200	200	L1 800 + L2 800	
	Windows made to order min.250x250	200	200	L1 650 + L2 650	
	400 x 600 KIPP	300	300	L1 1000 + L2 1000	



## MULTIPURPOSE WINDOW WITH RUBBER WINDOW FRAME

On request, one- and two-leaved doors may be equipped with round or rectangular windows, with laminated 3 + 3 mm glass framed with a black rubber EPDM profile. The corners of rectangular windows are rounded (radius of approx. 100 mm).

### Production limits

Window sizes are standard and the minimum border strips around the window may not be reduced.

### Borders, window position

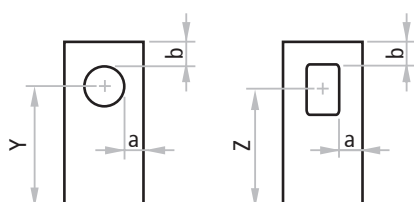
"Border measurement" refers to the distance from the edge of the window to the wall opening of the door.

### Elevation for round windows

window dimensions	FM H	position
Ø 300	minimum 1950	Y=1600
Ø 300	less than 1950	Y=FM H - 350
Ø 400	minimum 2000	Y=1600
Ø 400	less than 2000	Y=FM H - 400

### Elevation of rectangular windows

window dimensions L x H	FM H	position
300 x 500	minimum 1950	Z=1500
300 x 500	less than 1950	Z=FM H - 450
400 x 700	minimum 2050	Z=1500
400 x 700	less than 2050	Z=FM H - 550

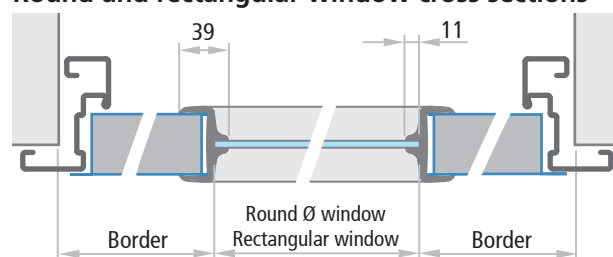


### NOTE

The positions indicated above are those standard. Different positions may be considered as long as they respect the minimum "a" and "b" border strips. The window itself may not be supplied separately except for replacements. It is always advisable for doors with windows to be equipped with door closers for controlled closing.



### Round and rectangular window cross sections



### Window dimensions

		minimum border		FM L min. dimensions
		a	b	
	Ø 300	200	200	700
	Ø 400	200	200	800
	Ø 300	200	200	L1 700 + L2 350
	Ø 400	200	200	L1 800 + L2 350
	Ø 300	200	200	L1 700 + L2 700
	Ø 400	200	200	L1 800 + L2 800
	300 x 500	200	200	700
	400 x 700	200	200	800
	300 x 500	200	200	L1 700 + L2 350
	400 x 700	200	200	L1 800 + L2 350
	300 x 500	200	200	L1 700 + L2 700
	400 x 700	200	200	L1 800 + L2 800



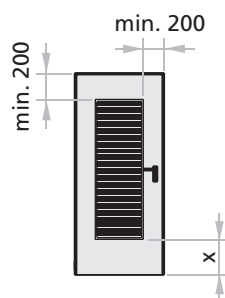
# Specific optional accessories

## PROGET multipurpose doors

### VENTILATING LOUVERS WITH METAL FRAMES

To permit continuous air movement through the door, different types of ventilating louvers are available upon request in standard or non-standard formats. The screw-on metal frames for the ventilating louvers are painted the same color as the leaf using thermoset epoxy-polyester powders. On request air flow estimates calculated by a special program can be supplied for the dimensions of the ventilating louvers.

The vertical position of the louvers needs to be indicated on the order.



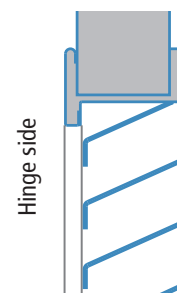
x = min. 200 mm for louver heights up to 1200 mm  
x = min. 500 mm for louver heights over 1200 mm



#### Louver with steel grate plates

Louver with steel grate plates only. Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

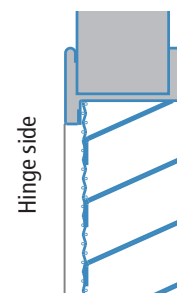
Dimensions L x H	estimated air flow
300 x 400	500 cm <sup>2</sup>
400 x 600	1100 cm <sup>2</sup>
400 x 1200	2500 cm <sup>2</sup>
to order	by request



#### Louver with steel grate plates and anti-rodent mesh

Louver with steel grate plates overlaid with a metal anti-rodent mesh (11x11x1mm sheet). Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

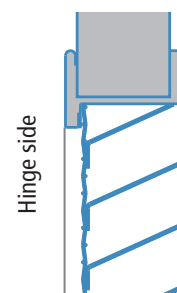
Dimensions L x H	estimated air flow
300 x 400	400 cm <sup>2</sup>
400 x 600	900 cm <sup>2</sup>
400 x 1200	2000 cm <sup>2</sup>
to order	by request



#### Louver with steel grate plates and anti-insect mesh

Louver with steel grate plates overlaid with a metal anti-insect mesh (5x5x0,5mm sheet). Standard production employs angled steel grate plates that slope downwards in the same direction as the door pull.

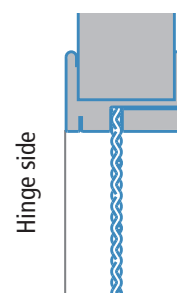
Dimensions L x H	estimated air flow
300 x 400	400 cm <sup>2</sup>
400 x 600	800 cm <sup>2</sup>
400 x 1200	2000 cm <sup>2</sup>
to order	by request



#### Anti-rodent mesh

Metal frame with metal anti-rodent mesh only (16x16x3mm sheet).

Dimensions L x H	estimated air flow
300 x 400	700 cm <sup>2</sup>
400 x 600	1500 cm <sup>2</sup>
400 x 1200	3100 cm <sup>2</sup>
to order	by request



# Specific optional accessories

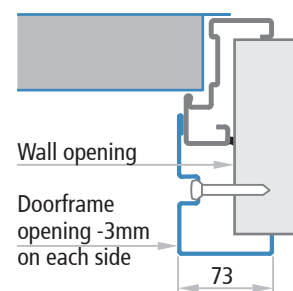
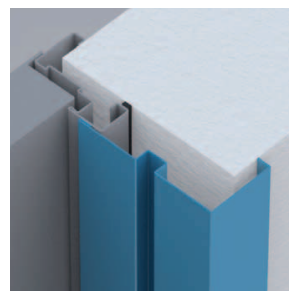
## PROGET multipurpose doors



### FRAME EXTENSIONS FOR PROGET DOORS

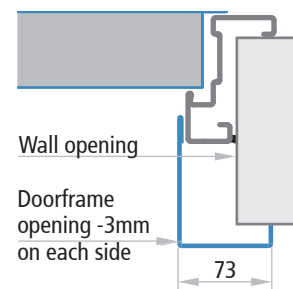
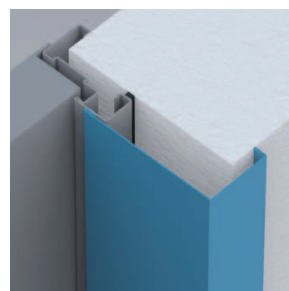
#### IM 1

Frame extensions to be mounted in addition to the Proget acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs in groove (screws and plugs not included).



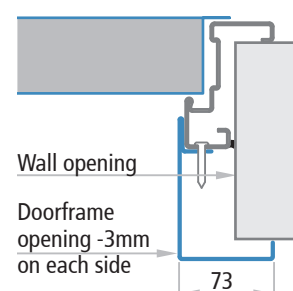
#### IM 3

Frame extensions to be mounted in addition to the Proget acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs (screws and plugs not included).



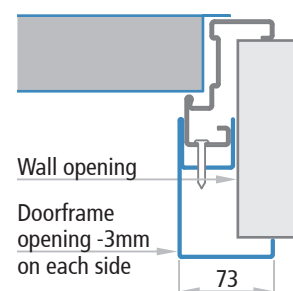
#### IM 4

Frame extension to be screwed to the Proget doorframe acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 90 degree joint. Complete with fastener screws. To mount the frame extension, fixing holes need to be drilled into doorframe on site. Combine with sealing to conceal the screw heads.



#### IM 5

Telescopic frame extension to be screwed to the Proget doorframe acting as a wall cladding for expansion screw fixing. Consists of two overlapping profiles with a 25mm adjustable range. Made of "Sendzimir" processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 90 degree joint. Complete with fastener screws. To mount the frame extension pre-drilled holes are available on the frame. Combine with sealing to conceal the screw heads.



## Specific optional accessories

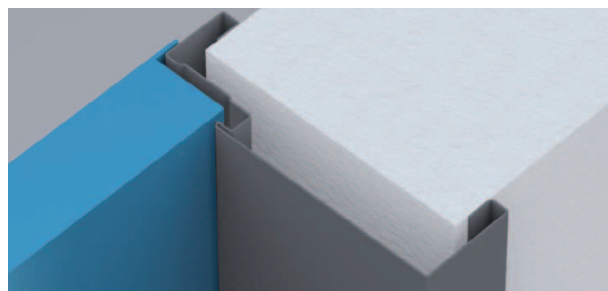
### PROGET multipurpose doors



#### SPECIAL FRAMES FOR PROGET MULTIPURPOSE DOORS

Embracing three sided frame for Proget multipurpose doors with 45 degree corner joints, made of 1,25 mm thick "Sendzimir" processed galvanized steel sheets. To be screwed to finished walls, including joints for assembly, hole-covering caps, sealing and RAL painting with thermoset epoxy-polyester powder paints. Pre-drilled screw holes present on the doorframe. Installation screws not included.

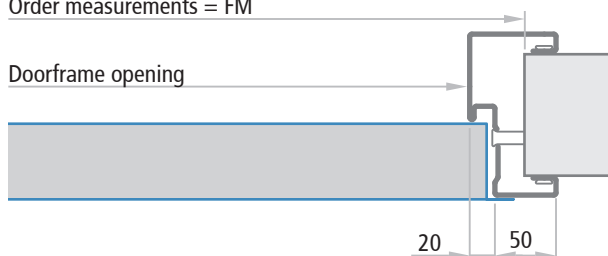
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L	FM L - 80 mm
FM H (height)	FM H	FM H - 40 mm



Minimum wall thickness for multipurpose doors = 70 mm

Order measurements = FM

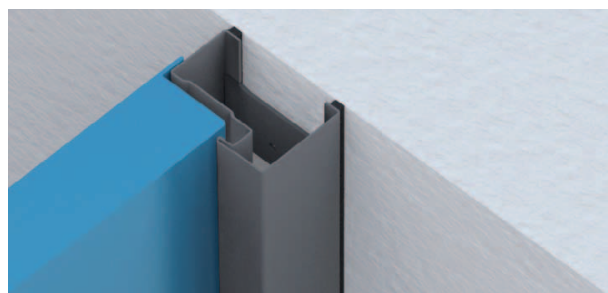
Doorframe opening



#### BLOCK FRAME FOR IN THE REVEAL (TUNNEL) APPLICATIONS

Three sided block frame application of Proget multipurpose doors with 45 degrees corner joints, made of 1,25 mm thick "Sendzimir" processed galvanized steel sheets. To be screwed to finished walls and equipped with 6 integrated attachment shackles. Includes assembly joints, hole-covering caps, sealing and RAL painting with thermoset epoxy-polyester powder paints. Pre-drilled screw holes present on the doorframe. Installation screws not included.

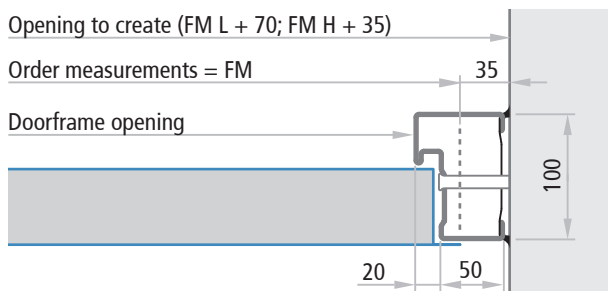
Order measurements	required wall opening	doorframe opening
FM L (width)	FM L + 70 mm	FM L - 80 mm
FM H (height)	FM H + 35 mm	FM H - 40 mm



Opening to create (FM L + 70; FM H + 35)

Order measurements = FM

Doorframe opening



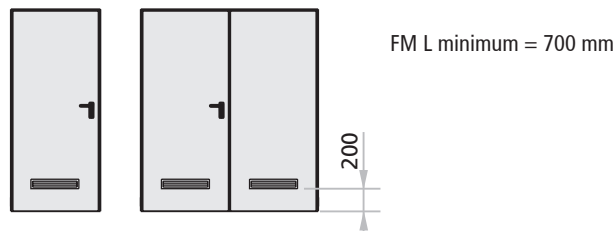
## Specific optional accessories

### PROGET multipurpose doors



#### VENTILATION LOUVER

Ventilation louver made of either black or white PVC, 482 x 99 mm (air passage approx. 150 cm<sup>2</sup>). The opening direction of the door needs to be specified.



#### Dimensions

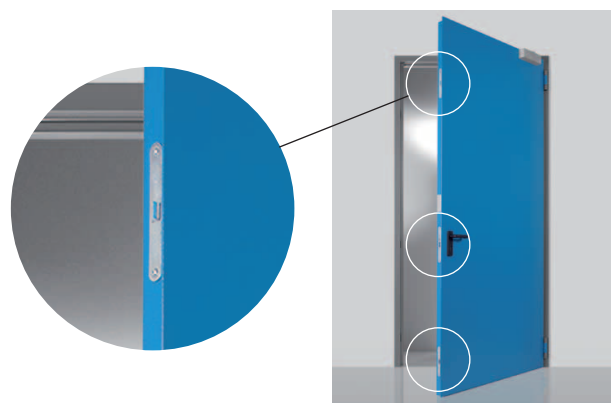
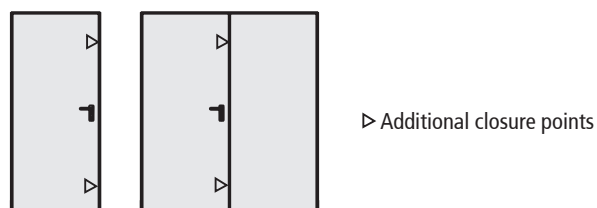
482 x 99

#### estimated air flow

150 cm<sup>2</sup>

#### THREE-POINT LOCKING MECHANISM

Upon request for a more reliable closure, one- and two-leaved Proget multipurpose doors may be delivered with a three-point lateral lock. In combination with double M1 handle and cylinder. The lock is also available for anti-panic and emergency push versions. Thus the three-point locking mechanism can be combined with emergency handles or with EXUS, TWIST, SLASH type BM panic bars in conformity with CE marking.

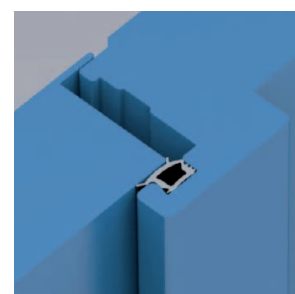
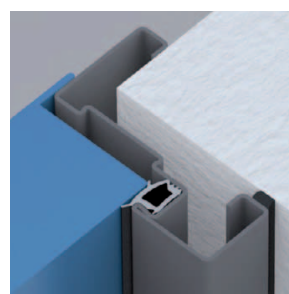


#### FF REBATE SEALING

FF sealing in black extruded profile to be pressed into the dedicated groove in the perimetral frame and on the central joint of two-leaved doors.

#### NOTE

Upon request sealing supplied for single one-leaved or two-leaved doors to be cut and mounted on site.



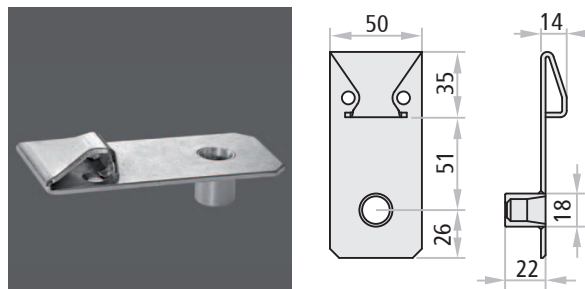
## Specific optional accessories

### PROGET multipurpose doors



#### STEEL FLOOR CATCH

Floor-mounted steel floor catch for two-leaved Proget doors. Made of pierced and successively galvanized steel. Includes rebate stop for the passive leaf, the strike box for insertion of the rod, Nr. 3 screws and Nr. 3 plugs. To be used in place of the plastic floor catch for doors that usually remain open and where carts and heavy equipment pass on a regular basis.



#### RETREATING FLOOR CATCH „N626“

To be applied in combination with two-leaved PROGET doors, which are usually to be kept open, in substitution of the standard floor catch. The N626's advantage is the embedding of the floor catch into the floor which is activated only by the closing of the secondary leaf. Thus when the doors are open protrusions are avoided guaranteeing nevertheless a correct closing.



#### NOTE

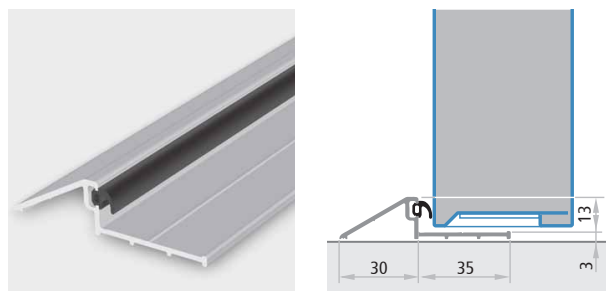
For the passing of the cable of the command function the installation into the floor of a wrinkled cable sleeve is necessary. The installation of the N626 requires trained personnel.

#### THRESHOLD

Fixed threshold in anodized aluminium supplied with relative rebate sealing. To be installed for single and double leaved doors onto the floor with screws and plugs (not supplied).

#### NOTE

This device is delivered only when the door has been ordered with CE conformity for external use. For the installation it is necessary to adapt the threshold to the frame of the door and to drill a hole for its fixing. Further it is necessary to finish up the threshold with silicone.



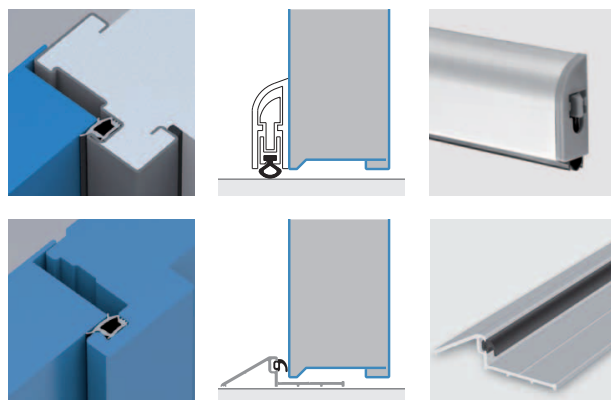


## EXTERNAL PEDESTRIAN DOORS

The norm EN 14351-1 defines as an external door, that which separates the internal climate from the external one of a construction. For this use the doors need to be **CE** marked according to the norm EN 14351-1:2009 and if the door is installed within an emergency exit route, which means that a panic handle or bar is installed onto it, then the door also requires a conformity declaration of type 1 and further a **CE** Certificate emitted by a notified body, which for NINZ S.p.A. is the declaration 2237-CPD-2010.

For doors Proget for external use order the relative Kits listed in the Univer multipurpose price list. Refer to the essential requirements listed in the table on the next page to select the correct version in conformity with the valid national standards.

In this way every door will be delivered with the **CE** marking and relative documentation conform to the valid standard.



## ATTENTION

For the dimensional limits, minimum border measurements or production possibilities please refer to the specific pages of this brochure.

The values for the thermal transmittance  $W/m^2K$  shown in the table on the next page are given by the calculation according to the norm EN ISO 10077-1 done on samples of the dimensions 1,23x2,18 for areas  $\leq 3,6m^2$  and on samples of the dimensions 2,00x2,18 for areas  $> 3,6m^2$ . All performance values indicated in the table are valid only in presence of the following accessories or enhancements:

- standard angular- for in the reveal application- embracing-frame
- isolation of the door frame with the filling of polyurethane foam
- installation of rubber seals FF along the entire perimeter of the door frame including the central rebate for double leaved doors
- sealing of the perimeter of the frame (side to push) with neutral silicone
- presence of the automatic door sweep or the fixed lower threshold depending upon selected solution
- for doors with windows: maximum dimensions 300x400mm for "4/12/4" low emission double glass windows.

In case of windows up to a maximum size of 400x600mm the differing performance value for the thermal transmittance needs to be asked, all other performance values remain unchanged.

For the acoustic isolation performance values, in case of asymmetric double leaved doors ( $L1 \neq L2$ ), select the minor RW value of the two.

example 1:

leaf without windows and  $H=2150$ ,  $L1=1000$ ,  $L2=500$  select RW 30;

example 2:

leaf without windows and  $H=2150$ ,  $L1=1200$ ,  $L2=1000$  select RW 32.

In case the door is not protected from atmospheric agents it is necessary to select a finishing for outside use and the construction of a canopy or roofing above the door is advised.

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.18 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE)		
This certificate has been issued in conformity to what prescribed by the Art.18 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE)		
ATTESTATO N°	2237 - CPD - 2010	CERTIFICATE N°
Organismo notificato	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY	Notified Body Identification number: 0425
Dati Fabbricante	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN)	Manufacturer Head office
Unità operativa	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN)	Operative unit
Dati generali prodotto	Porte Esterne per Utilizzo su Vie di Fuga EXTERNAL PEDESTRIAN DOORSETS ON ESCAPE ROUTES	Product general data Type
Sistema di attestazione della conformità	1	Attestation of conformity Standard
Norma di riferimento	EN 14351-1:09	
Eventuali estensioni	Nessuna / None	Extensions
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification

Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A.  
The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.







Data di emissione First issue	Emissione corrente Current Issue	Data di scadenza Expiring date
11/11/2010	05/12/2011	10/11/2020

Ing. Tullio Badino  
Il Presidente  
ICIM S.p.A.

Pagina 1 di 14  
14  
Page 1 of 14



## Essential requirements for classifications according to certificate 2237-CPD-2010

	FM L x H dimensions	standard angular frame block frame for in the reveal applic embracing frame	reached class with FF rebate sealing and automatic door sweep			reached class with FF rebate sealing and fix threshold			
			air permeability	thermal transmittance	acoustic performance	air permeability	thermal transmittance	water-tightness	resistance to windload
	≤ 3,6 m²	✓	class 2	1,31 W/m²K		class 2	1,30 W/m²K	class 1A	
	≤ 3,6 m²	✓	class 2	1,59 W/m²K		class 2	1,58 W/m²K	class 1A	
	≤ 3,6 m²	✓	class 2	1,49 W/m²K		class 2	1,48 W/m²K	class 1A	
	800 - 1100 x 2000 - 2250	✓			33 Rw				
	1101 - 1340 x 2000 - 2250	✓			32 Rw				
	800 - 1340 x 2251 - 2670	✓			32 Rw				
	500 - 1150 x 1750 - 2150	✓							class C1
	≤ 3,6 m²	✓	class 2	1,78 W/m²K		class 2	1,77 W/m²K	class 1A	
	≤ 3,6 m²	✓	class 2	2,05 W/m²K		class 2	2,04 W/m²K	class 1A	
	≤ 3,6 m²	✓	class 2	1,96 W/m²K		class 2	1,95 W/m²K	class 1A	
	800 - 1100 x 2000 - 2250	✓			32 Rw				
	1101 - 1340 x 2000 - 2250	✓			31 Rw				
	800 - 1340 x 2251 - 2670	✓			31 Rw				
	700 - 1150 x 1750 - 2150	✓							class C1
	≤ 3,6 m²	✓	class 3	1,72 W/m²K		class 3	1,71 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	1,40 W/m²K		class 3	1,39 W/m²K	class 2A, 4B	
	≤ 3,6 m²	✓	class 3	2,00 W/m²K		class 3	1,99 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	1,60 W/m²K		class 3	1,59 W/m²K	class 2A, 4B	
	≤ 3,6 m²	✓	class 3	1,91 W/m²K		class 3	1,90 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	1,54 W/m²K		class 3	1,53 W/m²K	class 2A, 4B	
	(L1 o L2) 500 - 799 x 2000 - 2670	✓			30 Rw				
	(L1 o L2) 800 - 1100 x 2000 - 2250	✓			33 Rw				
	(L1 o L2) 1101 - 1330 x 2000 - 2250	✓			32 Rw				
	(L1 o L2) 800 - 1330 x 2251 - 2670	✓			32 Rw				
	850 - 2300 x 1750 - 2150	✓							class C1
	≤ 3,6 m²	✓	class 3	2,51 W/m²K		class 3	2,50 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	1,90 W/m²K		class 3	1,89 W/m²K	class 2A, 4B	
	≤ 3,6 m²	✓	class 3	2,79 W/m²K		class 3	2,78 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	2,09 W/m²K		class 3	2,08 W/m²K	class 2A, 4B	
	≤ 3,6 m²	✓	class 3	2,70 W/m²K		class 3	2,68 W/m²K	class 2A, 4B	
	> 3,6 m²	✓	class 3	2,02 W/m²K		class 3	2,01 W/m²K	class 2A, 4B	
	(L1 o L2) 700 - 799 x 2000 - 2670	✓			29 Rw				
	(L1 o L2) 800 - 1100 x 2000 - 2250	✓			32 Rw				
	(L1 o L2) 1101 - 1330 x 2000 - 2250	✓			31 Rw				
	(L1 o L2) 800 - 1330 x 2251 - 2670	✓			31 Rw				
	1050 * - 2300 x 1750 - 2150	✓							class C1

\* = only for single leaf with window

## other essential requirements

load-bearing capacity of safety devices	pass
ability to release	pass
dangerous substances	-

## ATTENTION

The performance values listed above have only been reached in with tests according to the current norms. The customer shall acknowledge that these may change according to:

- real installation conditions
- adjustments of variances
- connections between door and wall
- execution of the wall itself.

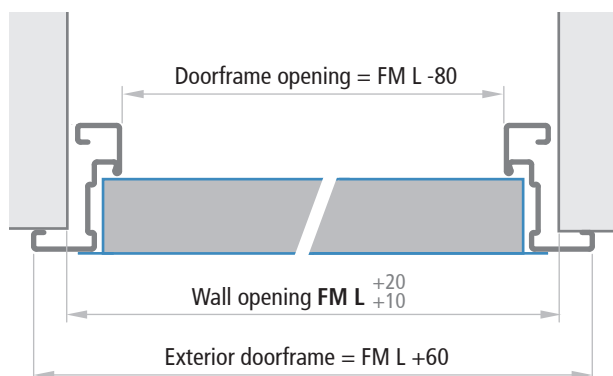
# Door cross sections - Measurements

## PROGET multipurpose doors



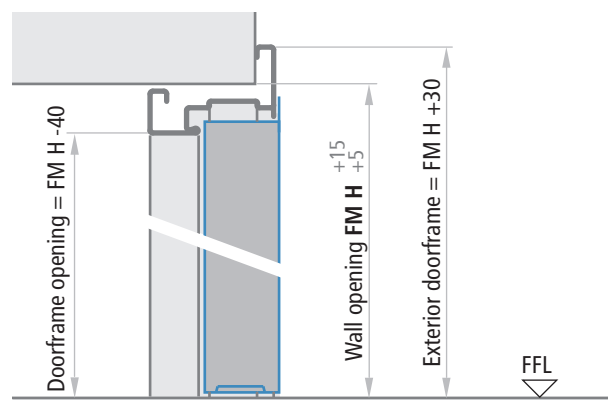
### One-leaved doors

#### Horizontal cross section



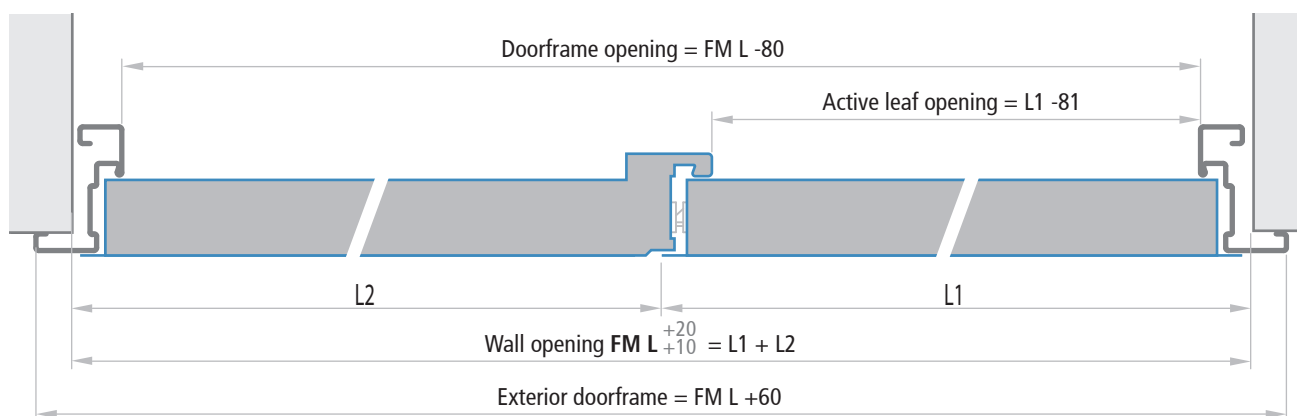
### Doors without lower threshold

#### Vertical cross section



### Two-leaved doors

#### Horizontal cross section



### Leaf thickness

MULTIPURPOSE	60 mm
--------------	-------

#### NOTE

The tolerances  $\text{FM L } \begin{smallmatrix} +20 \\ +10 \end{smallmatrix}$ ,  $\text{FM H } \begin{smallmatrix} +15 \\ +5 \end{smallmatrix}$  of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

For dry wall installation, the holes must be precise and greater tolerance ranges should not be employed.

FFL = Finished floor level

# Standard installation method

## PROGET multipurpose doors



### INSTALLATION WITH ANCHORS FOR MORTAR FIXING

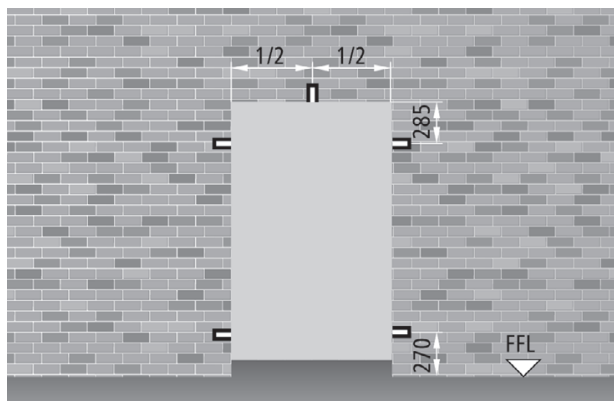
For mortar fixing, appropriate cuts for the anchors will need to be created in the walls (section 80 x 200 mm) or fixed with plugs. For fixing with screws the anchors should be used as spacers and fixed with expansion screws. For best mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar or polyurethane foam.



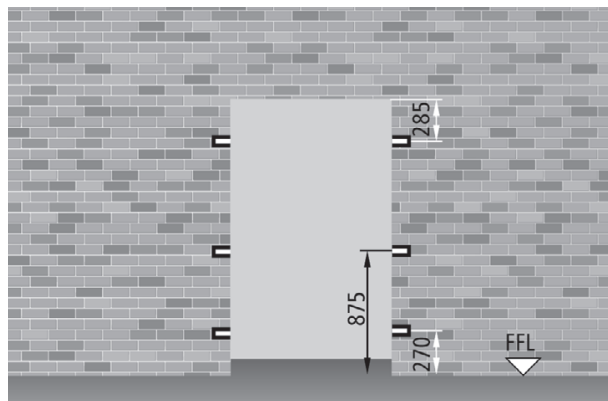
PROGET  
multipurpose

### One-leaved doors

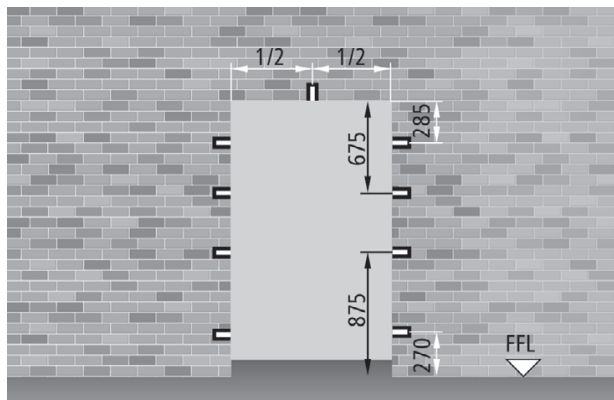
FM L = from 500 to 1340 x FM H = from 800 to 1749



FM L = from 500 to 1035 x FM H = from 1750 to 2200



FM L greater than 1036 and/or FM H greater than 2200



### NOTE

For proper installation, the cuts for the anchors should be 80 x 200 mm in size.

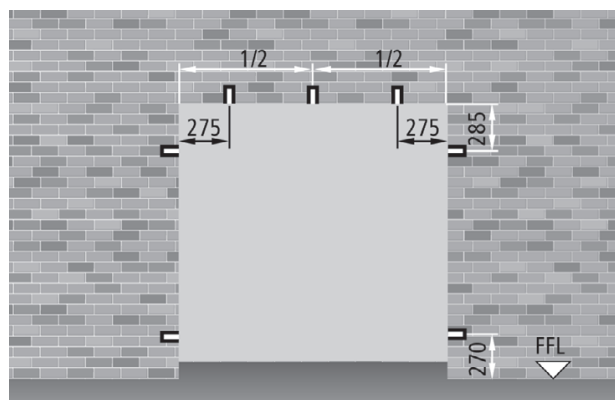
# Standard installation method

## PROGET multipurpose doors

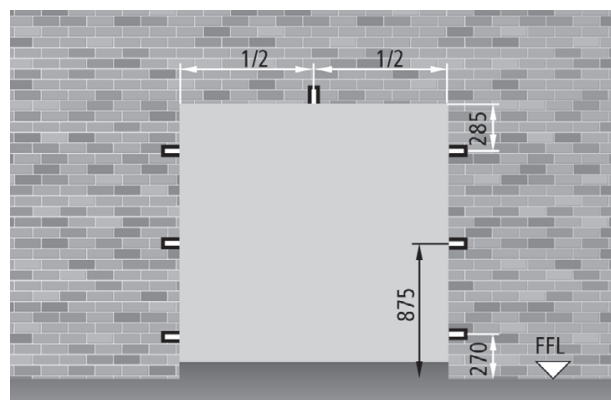


### Two-leaved doors

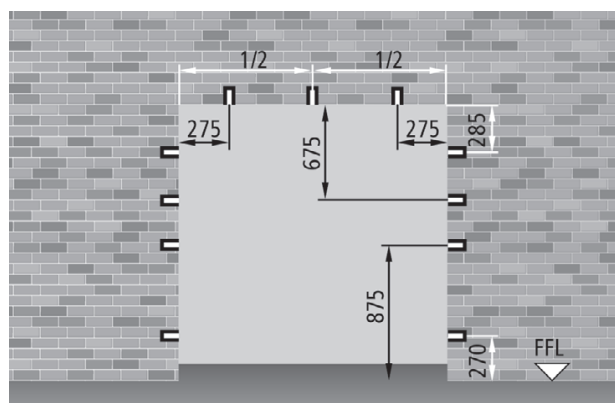
FM L = from 850 to 2660 x FM H = from 800 to 1749



FM L = from 850 to 2070 x FM H = from 1750 to 2200



FM L greater than 2070 and/or FM H greater than 2200



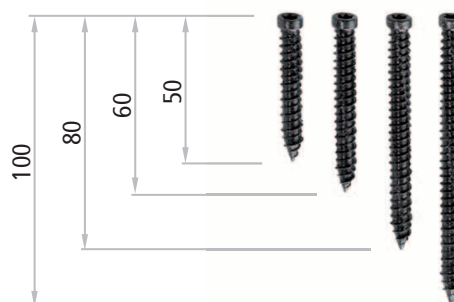
### INSTALLATION FOR EXPANSION SCREWS FIXING

For the installation with expansion screws, the anchors serve as spacers and should not be bent. For the best mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar or polyurethane foam.



### WALL SCREWS

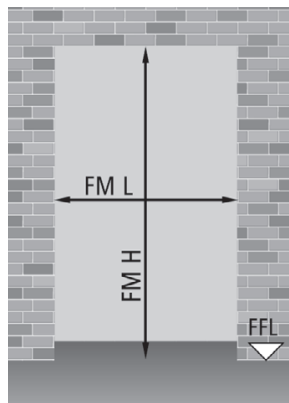
For direct wall installations or installation onto subframes, special expansion screws should be used without plugs. Please see the "door accessories" pages for more details.



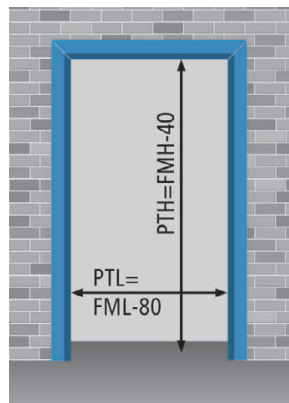
Wall screws available

## ORDER MEASUREMENTS

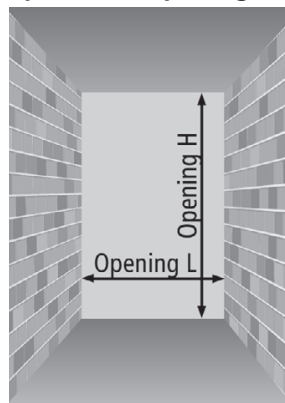
### Wall Opening



### Doorframe opening



### In the reveal application opening



#### One-leaved doors

Opening L = FM L + 70  
Opening H = FM H + 35

#### Two-leaved doors

Opening L = FM L + 70  
Opening H = FM H + 35

#### NOTE

The wall openings to be created for in the reveal application, do not correspond to the order measurement and therefore should follow the above specifications.

### One-leaved door FM L x FM H

#### standard dimensions

800	x	2000 / 2050 / 2150
900	x	2000 / 2050 / 2150
1000	x	2000 / 2050 / 2150
1100	x	2050 / 2150
1200	x	2050 / 2150
1300	x	2000 / 2050 / 2150
1340	x	2050 / 2150

#### semi-standard dimensions

from 500	to	995	x	2000 / 2050 / 2150
----------	----	-----	---	--------------------

#### non-standard dimensions

from 500	to	1340	x	from 1750 to 2670
----------	----	------	---	-------------------

### PT L x PT H

#### doorframe opening

720	x	1960 / 2010 / 2110
820	x	1960 / 2010 / 2110
920	x	1960 / 2010 / 2110
1020	x	2010 / 2110
1120	x	2010 / 2110
1220	x	1960 / 2010 / 2110
1260	x	2010 / 2110

from 420 to	915	x	1960 / 2010 / 2110
-------------	-----	---	--------------------

from 420 to	1260	x	1710 / 2630
-------------	------	---	-------------

# Order measurements - Handle height

## PROGET multipurpose doors



### Two-leaved doors FM L (L1+L2) x FM H

### PT L x PT H

#### standard dimensions

1150	( 800 + 350)	x	2000 / 2050 / 2150
1200	( 800 + 400)	x	2000 / 2050 / 2150
1250	( 800 + 450)	x	2000 / 2050 / 2150
1250	( 900 + 350)	x	2000 / 2050 / 2150
1300	( 900 + 400)	x	2000 / 2050 / 2150
1350	( 900 + 450)	x	2000 / 2050 / 2150
1350	(1000 + 350)	x	2000 / 2050 / 2150
1400	(1000 + 400)	x	2000 / 2050 / 2150
1450	(1000 + 450)	x	2000 / 2050 / 2150
1600	( 800 + 800)	x	2000 / 2050 / 2150
1700	( 900 + 800)	x	2000 / 2050 / 2150
1800	( 900 + 900)	x	2000 / 2050 / 2150
1800	(1000 + 800)	x	2000 / 2050 / 2150
1900	(1000 + 900)	x	2000 / 2050 / 2150
2000	(1000 + 1000)	x	2000 / 2050 / 2150

#### doorframe opening

1070	x	1960 / 2010 / 2110
1120	x	1960 / 2010 / 2110
1170	x	1960 / 2010 / 2110
1170	x	1960 / 2010 / 2110
1220	x	1960 / 2010 / 2110
1270	x	1960 / 2010 / 2110
1270	x	1960 / 2010 / 2110
1320	x	1960 / 2010 / 2110
1370	x	1960 / 2010 / 2110
1520	x	1960 / 2010 / 2110
1620	x	1960 / 2010 / 2110
1720	x	1960 / 2010 / 2110
1720	x	1960 / 2010 / 2110
1820	x	1960 / 2010 / 2110
1920	x	1960 / 2010 / 2110

#### semi-standard dimensions

from 850 ( 500 + 350) to 2000 (1000 + 1000)	x	2000 / 2050 / 2150	from 810 to 1920	x	1960 / 2010 / 2110
---	---	--------------------	------------------	---	--------------------

#### non-standard dimensions

from 850 ( 500 + 350) to 2660 (1330 + 1330)	x	from 1750 to 2670	from 770 to 2580	x	from 1710 to 2630
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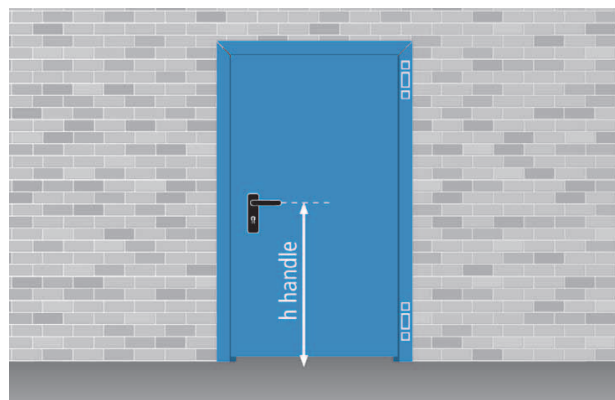
#### NOTE

Buyers should be aware that pursuant to and in accordance with Italian Legislative Decree D.L. 09.04.2008 Nr. 81 all doors used for emergency exits or routes must have a minimum height of 2000 mm (= nominal wall opening 2040 mm). Unless specified otherwise by the customer, two-leaved standard, semi-standard and customized doors are supplied with a right-pull opening direction.

## HANDLE HEIGHT

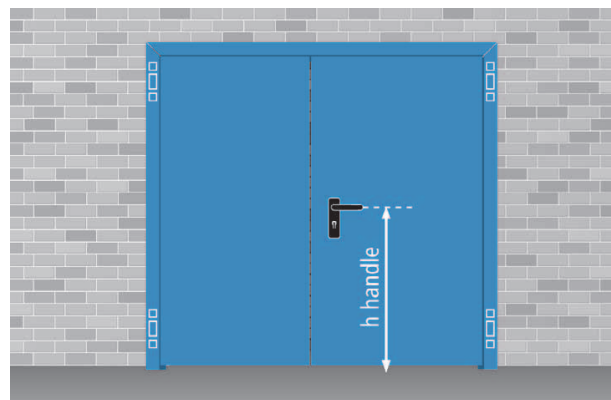
### One-leaved door

h = 1050 (FM H ≥ 1750)



### Two-leaved door

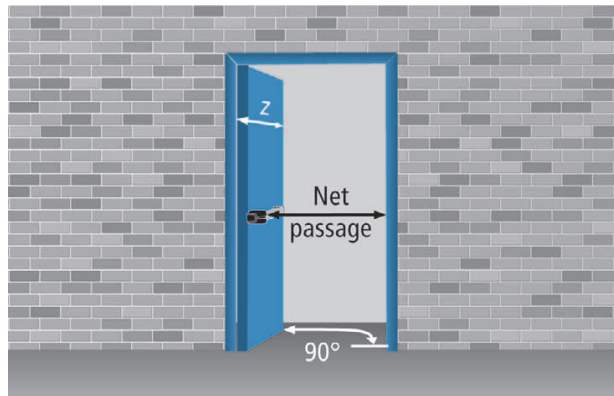
h = 1050 (FM H ≥ 1750)



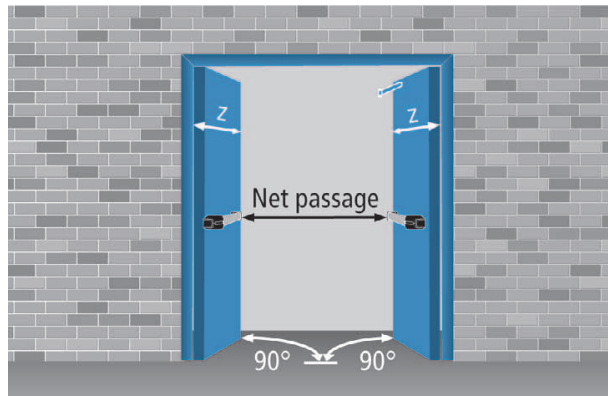


## OPENING MEASUREMENTS AND OVERALL DIMENSIONS WITH 90 DEGREE OPENING

### One-leaved doors with panic bar



### Two-leaved doors with panic bars



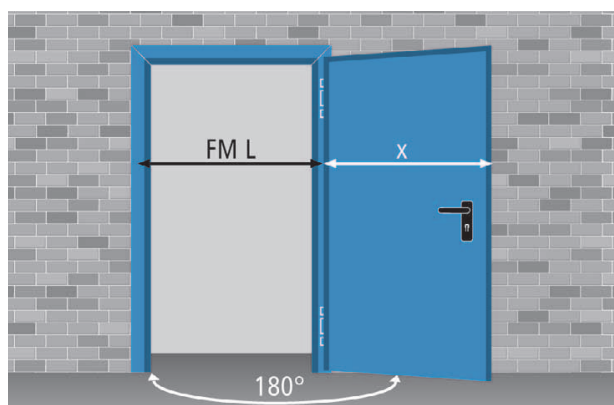
### Net passage calculation

panic bar type	protrusion	one-leaved door	two-leaved door
EXUS	125	FM L - 245	FM L - 410
TWIST	100	FM L - 220	FM L - 360
SLASH	75	FM L - 195	FM L - 310
FAST TOUCH	75	FM L - 195	FM L - 310
without panic bar	-	FM L - 120	FML - 160
z = leaf protrusion relative to the wall		FM L + 27	L1 + 35, L2 + 75

## OVERALL DIMENSIONS WITH 180 DEGREE OPENING

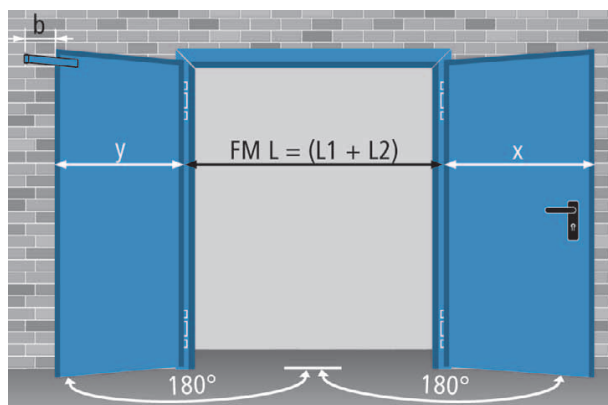
### One-leaved door

$$x = FM L - 7$$



### Two-leaved door

$$x = L1 + 1 \quad y = L2 + 42 \quad b = 130$$



### NOTE

The 90 or 180 degree opening of the leaf may be compromised if handle or door closer protrusions come into contact with the wall.

### PROGET MULTIPURPOSE - GENERAL NOTES

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Ninz reserves the right to modify the product. Installation should be executed by qualified technicians. Modifications may only be made as indicated in the installation instructions. Original NINZ replacement parts must be used for all repair work.

## Painting

This standard door is painted with thermoset powders, anti-scratch orange skin and semi-glossy finish (except for certain colors). The paint is particularly resistant and offers a pleasant finish for interior applications. Choose from a wide range of RAL colors.



### STANDARD COLORS WITH NO PRICE SUPPLEMENT

Paint for interior use (group 01) with turquoise pastel colored epoxy-polyester powders - lighter tone for the leaf (NCS4020-B50G) and darker for the frame (NCS5020-B50G). The tonalities of the frame and the door leaf are represented on the photo to the right.

#### Standard paint - group 01:

leaf color NCS 4020-B50G

frame color NCS 5020-B50G



### SPECIAL COLORS WITH PRICE SUPPLEMENT

Paint for interior use (groups 02 and 03) available in a variety of RAL colors with epoxy-polyester powders. Doors must be protected from atmospheric agents. Sunlight fades the colors.

Distinct from other RAL colours, metallic tinted paints RAL 9006, RAL 9007 (group 3) and RAL 9006 E (group 04) present a finish with a wrinkled structure that requires pre-approval of a sample.

#### Group 02:

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1013	1015	5010	5024	6000	7016	7024	7035
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
7038	8011	9001	9002	9010	9011	9016	9018













#### Group 03:

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1001	1003	3000	3003	3020	5012	5015	6005
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
7001	7004	7011	7030	7032	7037	7040	7042
RAL	RAL	RAL	RAL	RAL	RAL		
7047	8017	8019	9005	9006*	9007*		

\*requires pre-approval of a sample.

## SPECIAL COLORS FOR EXTERIOR USE WITH PRICE SUPPLEMENTS

Paint for exterior use (group 04) with polyester powders in various RAL colours.

Group 04:							
RAL 1013E	RAL 3000E	RAL 5010E	RAL 6005E	RAL 7016E	RAL 7024E	RAL 7035E	RAL 9002E
							
RAL 9006E*	RAL 9010E	NCS 4020E	NCS 5020E				
							

\*requires pre-approval of a sample.

## SPECIAL COLORS BY REQUEST WITH PRICE SUPPLEMENTS

Paint available for interior and exterior use (group 05) with epoxy-polyester and polyester (respectively) powders in the requested RAL colours. Group 05 does not include special colors, such as metallic, mica, smooth or wrinkled texture and other sample colours like Pantone, NCS, etc.

Group 05:	
Colors by request only	

### Cleaning

Water and neutral soap are recommended for the regular cleaning of our products. Do not use common cleaning products (see detergents) and/or other solvents. We shall not be held responsible for any problems that arise if these guidelines are not respected.

### Re-painting

- For re-painting, use the following procedure:
- sand and carefully wipe away any dust from the surfaces
- apply a base layer of opaque 2-component epoxide - we recommend EPOX product Nr. 5203 beige 0059 (made by ALCEA, in Milan)
- repaint the surfaces with your choice of lacquers or paints.

### WARNING!

Application to exterior doors requires for the adoption of various measures for preventing product degradation, such as:

1. The door should always be protected from bad weather. The door can be permanently damaged if water seeps inside the door leaf. Provide canopies or roofing to protect newly installed and existing products.
2. Avoid choosing darker colors when the doors will be exposed to direct sunlight. The sheet metal can heat up and cause warping of the door leaf that may compromise the functionality of the door itself.

An artifact of the printing process is that the colors depicted here may not correspond exactly to the colors of actual doors. Please see the RAL or NCS samples.

### Retouching

On request, the Ninz company also provides touch-up paint (nitro/synthetic) in 0,25 or 0,50 kg cans in the necessary RAL colour.

### Protection

Since the doors have been designed for normal interior use, they should always be protected from atmospheric agents and direct sunlight.

Exterior uses require paints that are specially designed for this kind of application (see groups 04, 05).

**Ninz Digital Decor**  
NDD provides clients with an infinite number of graphic possibilities applicable to the surfaces of NINZ doors.



## DESCRIPTION

NDD - Ninz Digital Decor decorative painting. Graphic illustrations are applied directly to the flat surfaces of the door leaf after it has been painted with a base coat of polymerized powders. Painting with high-resolution digital print using special ink jets. The application of an additional layer of transparent coating ensures optimal protection of the decorative paint. Decorative NDD painting is available for the entire range of one- and two-leaved Rever, Univer and Proget doors.

awarded with the  
**security&safety**  
award

**NDD® - Ninz Digital Decor introduces style and design to metal door products. Ninz doors can be directly printed with either your company's logo or designs, materials and symbols selected from a wide variety of NDD®, or also with your preferred artwork or customized images. NDD® introduces innovations to doors as an architectural entity; introducing NDD® can create added value on socio-cultural, economic and emotional dimensions.**

**The [www.ninz.it](http://www.ninz.it) website illustrates an infinity of continuously updated decorations that have been categorized into eight groups for rapid review. The groups are listed on the next page.**

### Laboratory testing executed on NDD® samples

### result

500 h exposure test in salt fog	good performance, no sign of deterioration encountered
500 h humidity resistance test	good performance, no deterioration or loss of surface shine
500 h UVA radiation resistance test	good performance, no deterioration or loss of surface shine
Abrasion resistance test after 1000 cycles	the decoration was unaltered
Solvent resistance test	good performance, no deterioration in the decoration or the background paint



**ARTLINE** This group includes a wide selection of famous artworks drawn from ancient history up to the present day. These extraordinary designs endow the environment with a special atmosphere as an expression of style.



**FANTASY** NDD is a data bank of exclusive NINZ images and creations.



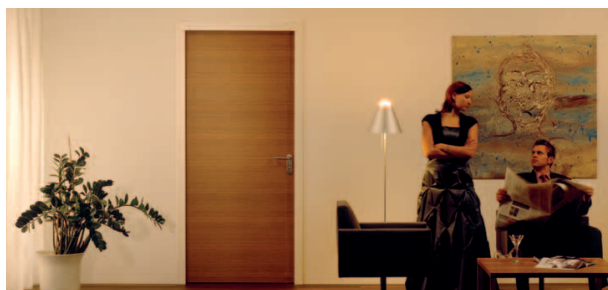
**REFINEMENTS** Contains an infinite number of NDD decorations and textures created on customer request and available and useable for a diverse variety of applications.



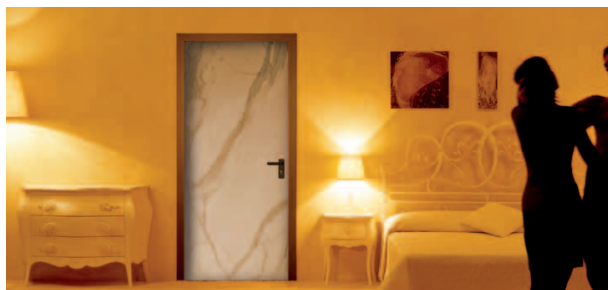
**PHOTOGRAPHS** This group contains original photos of country sides, objects, animals, environments, etc., with the appropriate foto resolution.



**WOOD** This set includes an endless variety of realistic imitations of classic, exotic, special and colored types of wood.



**STONES** This selection includes an endless variety of realistic imitations of marbles, granites and other stones.



**PUBLICITY** Transforms Ninz doors into a publicity tool for the company and its products. Printing of the logo integrates the door into the company image. A variety of actual applications are reported here.



**SYMBOLS** Given the particular importance of this group, a special department has been created for workplace safety symbols, room description/labeling symbols, the simple numbering of rooms, etc.



## DECORATIONS FROM OUR DATABASE

Doors with decorative NDD painting are supplied with:

- doorframes in the proposed color
- door leaf rebate in the base color of the leaf itself
- hinges in the frame color
- accessories of the type and finishing according to the Ninz door price lists and brochures
- decoration covering the window frame and/or the central upright, require that these are covered with NDD decorated sheet metal

## SPECIAL DECORATIONS

New codes and pricing are required for customized decorations and decorations that employ colors not listed in this brochure. In such cases, customers may also be asked to indicate where logos and symbols should be positioned on the door leaf, via the following forms of support:

- **PC-GENERATED FILE** (logos, symbols, designs, etc.) in specialized "Illustrator" or "Freehand" format. Submit the file by e-mail or on a CD/DVD-ROM.
- **DIAPOSITIVE** with a 36 mm or 6 x 6 image of the picture uploaded to a PC using a scanner (professional scanner required). Submit the file (TIF, PDF or JPG format) in **maximum resolution** on CD/DVD-ROM.
- **PHOTOGRAPHIC IMAGE** made with a digital camera. Submit the file (TIF, PDF or JPG format) in **maximum resolution** on CD/DVD-ROM.

## PROTECTION FOR EXTERIORS

The exterior installation of NDD doors requires specific treatments for preventing the decorations from deteriorating over time. The cost supplement covers all door leaf surfaces except for the leaf rebate.

## WOODEN CRATE PACKAGING



The particularity and prestige of NDD decorations requires a special protection of the doors by packaging them in special wooden crates with an additional layer of external nylon wrapping. At the time of ordering, therefore, the additional cost for the wooden crate must be taken into consideration. Customers who opt for standard packaging on pallets must assume full responsibility in case of damage to the product.



# MORE THAN FIREDOORS

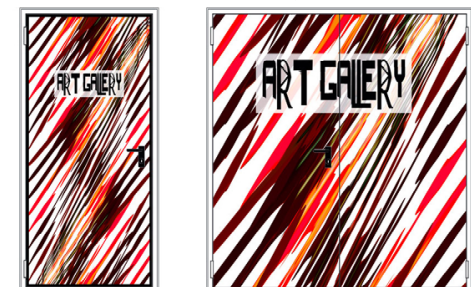


## EXAMPLE APPLICATIONS IN TYPICAL SURROUNDINGS

Airports - Train stations



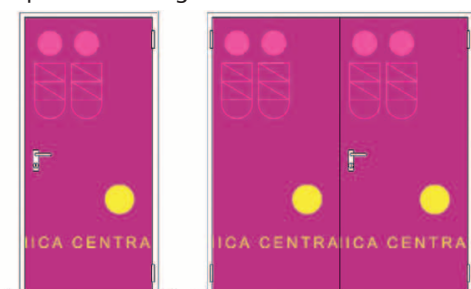
Museums – Historical buildings



Commercial businesses



Hospitals – Nursing homes



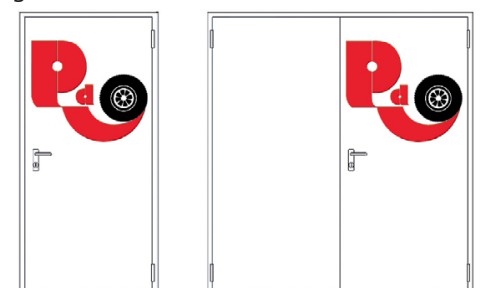
Sport centers – Stadiums



Parking lots



Logistic centers



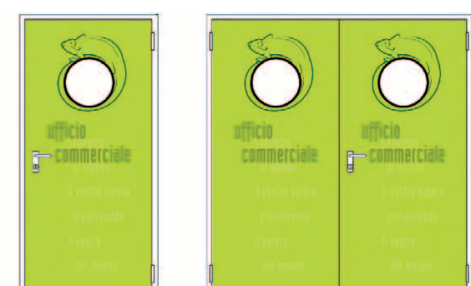
Schools - Universities



Hotels – Residences



Offices



# Black plastic handles

Standard for REVER - UNIVER - PROGET doors



## DOOR HANDLES

By default Rever, Univer and Proget doors include safety levers coupled with long backplates with cylinder holes. Each handle set includes a patent key insert, a 9 x 9 square spindle, fastener screws and spacers.

M1 handles are fire rated consisting of a metal core inside the lever and a galvanized steel cover plate to protect the cylinder hole.

The M1 handles have been certified in accordance with DIN 18273:1997-12.

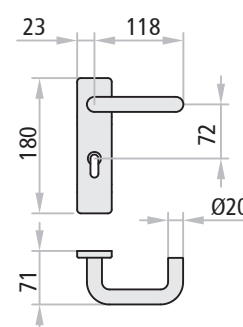
## M1R HANDLE

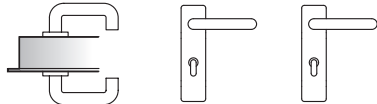
Multi-purpose Univer and Rever doors are equipped with M1R-type handles.

The M1R handle package includes: a pair of black plastic lever handles, a pair of black plastic backplates with patent-type cylinder holes adaptable for installation of Euro profile cylinders, a 125 mm long 9 x 9 square spindle, fastener screws and spacers.



M1.R plastic handle



Version		description	functioning	use
M1R		handle/handle combination with cylinder hole on both sides. To be combined with locks with an inter-axis distance of 72mm (015)	door opening by handle or key from both sides	applications in which both door opening directions are accessible without key

## NOTE

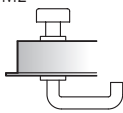

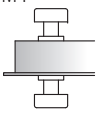


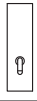

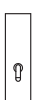
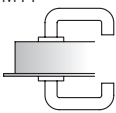
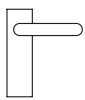
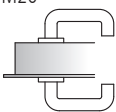
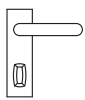
Handles are considered to be accessories and are not pre-assembled. Cylinders need to be ordered separately (except for Secur handles).

# Special black plastic handles

For locks with an inter-axis distance of 72 mm

## SPECIAL HANDLES

Rever, Univer and Proget doors may be equipped on request with handles with special functions other than those provided by standard handles.

Versions			description	functioning	use
M2			handle/ doorknob combination with cylinder hole on both sides. To be combined with locks with an inter-axis distance of 72mm (015)	the doorknob side requires the key for opening	applications in which only one of the door opening directions is accessible with a key
M4			doorknob/ doorknob combination with cylinder hole on both sides For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening. The doorknobs serve for pushing or pulling the door	applications in which both door opening directions are accessible by key only
M5			plate/plate combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening	applications in technical rooms with doors that usually remain closed and require keys for opening
M9			doorknob/plate combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	both sides require the key for opening The doorknob serves for pulling the door	applications in which both door opening directions are accessible by key only
M11			handle/ handle combination without cylinder hole. For combination with locks with an inter-axis distance of 72mm (015)	opening is possible at any time using the handle	applications in which the door never needs to be locked
M20			handle/handle and doorknob combination for interior closure. For combination with locks with star-shaped spindles only (Stel 15)	closure using thumbturn latch from inside. Emergency opening from outside with screwdriver	typical closure for bathroom doors

### NOTE

Models M2, M4, M5, M9 and M20 cannot be combined with the three-point locking mechanism.  
Handles are considered to be accessories and assembly is required.  
Cylinders need to be ordered separately.

# Colored handles - Stainless steel handles

For locks with an inter-axis distance of 72 mm



## COLORED DOOR HANDLES

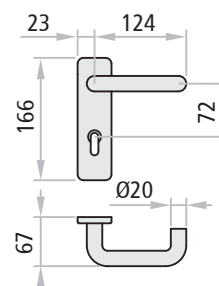
On request, painted resin handles can be provided which match or provide better contrast with the base color of the door.

M1C and M2C handles are fire rated like the M1 handle, and have also been certified in accordance with DIN 18273:1997-12.

The M1C and M2C handles package consist of: one pair of lever handles (M1C) or the handle/ doorknob combination (M2C) made of plastic with a metal core and galvanized steel installation plate, a pair of plastic backplates with a Euro profile cylinder hole, a 9 x 9 square spindle, fastener screws and spacers.



M1C colored RAL1023



### Colors available:

RAL	RAL	RAL	RAL	RAL
1023	7016	7035	9006*	9010

\*light aluminum

Versions		description	functioning	use
M1C		handle/handle combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	door opening by handle or key from both sides	applications in which both door opening directions are accessible without a key
M2C		handle/doorknob combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	the doorknob side requires the key for opening	applications in which only one of the door opening directions works with a key

## STAINLESS STEEL DOOR HANDLES

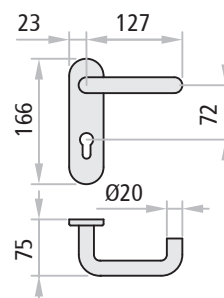
On request, satin-finished stainless steel AISI 304 levers and backplates can be provided which endow the product with a higher quality while at the same time ensuring optimal corrosion resistance and a noteworthy robustness of the entire set.

In addition, M1X and M2X handles are equipped with a return spring that maintains perfect alignment with the geometry of the door.

They are mounted on a galvanized steel mechanism and are supplied with a 9 x 9 square spindle, fastener screws and spacers.



M1 INOX handle



Versions		description	functioning	use
M1X		handle/handle combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	door opening by handle or key from both sides	applications in which both door opening directions are accessible without a key
M2X		handle/doorknob combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	the doorknob side requires the key for opening	sostituire con „applications in which only one of the door opening directions works with a key

### NOTE

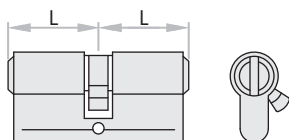
The M2C and M2X models are not combinable with the 3 point locking mechanism. Handles are considered as accessories and require assembly. Cylinders need to be ordered separately.

## CYLINDERS

On request Rever, Univer and Proget doors with standard locks (Std 015) or three-point locking mechanisms (3vie PRO) may be supplied with a Euro profile cylinder with three keys.

They may also be provided in unique coding or group coded versions, or in combination with unique or group mastering.

### Cylinders to pass (double)



Double nickel-plated cylinder equipped with 3 keys

#### Versions available

standard cylinder
single coded cylinder
group coded cylinder
sample key coded cylinder
single mastered cylinder
group mastered cylinder



#### Lengths available

40/40
35/35
30/30

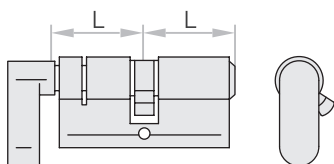
#### for door leaf thickness

60 mm
50 mm
40 mm

## ATTENTION

It is important to specify MAC lock combinations in the order.

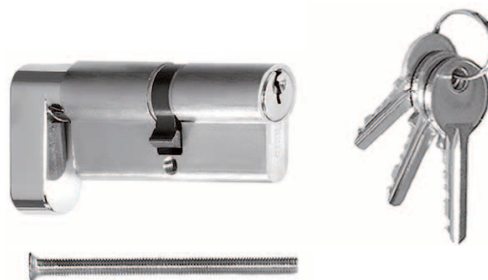
### Cylinders to pass for thumbturn latch



Double nickel-plated cylinder with chrome-plated thumbturn latch equipped with 3 keys

#### Versions available

standard cylinder with thumbturn latch
group coded cylinder with thumbturn latch
sample key coded cylinder with thumbturn latch
single mastered cylinder with thumbturn latch
group mastered cylinder with thumbturn latch
mastered and emergency cylinder with thumbturn latch



#### Lengths available

40/40
35/35
30/30

#### for door leaf thickness

60 mm
50 mm
40 mm

## NOTE

Cylinders are considered to be accessories and assembly is required. Cylinders to be combined with locks of NINZ doors must meet DIN 18254 standards.

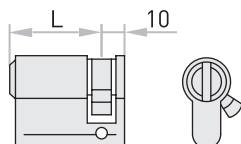
Main, master and/or emergency key (or keys) should be ordered separately - they are not included with the cylinder.

## CYLINDERS FOR COMBINATION WITH PANIC BARS

Standard panic bars are supplied with a Euro profile cylinder with three keys.

Cylinders with single coding, grouped coding or in combination with single or grouped mastering.

### Cylinders not to pass (half)



Half nickel-plated cylinder equipped with 3 keys

#### Versions available

standard half cylinder
single coded half cylinder
group coded half cylinder
sample key coded half cylinder
single mastered half cylinder
group mastered half cylinder



#### Lengths available

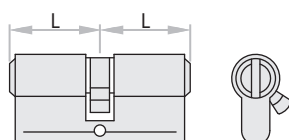
#### for door leaf thickness

Lengths available	for door leaf thickness
40/10	60 mm
35/10	50 mm
30/10	40 mm

#### ATTENTION

It is important to specify MAC lock combinations in the order.

### Cylinders to pass (double) in combination with EXUS DC panic bars



Double nickel-plated cylinder equipped with 3 keys.

#### Versions available

standard cylinder
single coded cylinder
group coded cylinder
sample key coded cylinder
single mastered cylinder
group mastered cylinder



#### Lengths available

#### for door leaf thickness

Lengths available	for door leaf thickness
45/40	60 mm
40/40	50 mm
35/35	40 mm

#### NOTE

Cylinders are considered to be accessories and assembly is required.  
Cylinders to be combined with the locks of NINZ doors must meet DIN 18254 standards.

Main, master and/or emergency key (or keys) should be ordered separately - they are not included with the cylinder.



## CONFIGURED AS NEEDED!

NINZ asks its partners to specify the system in the form of a key plan which, when prepared with care, serves as a map for optimizing the required intervention times (from order to installation) while ensuring that the mastering system meets the specific needs being requested.

Here are a few of the configurations that are available:

### 1) Standard

Cylinders with different keys.

### 2) Single coded

Cylinders with the same keys.

### 3) Grouped coded

Cylinders from the same group are coded alike.

### 4) Main/master key systems

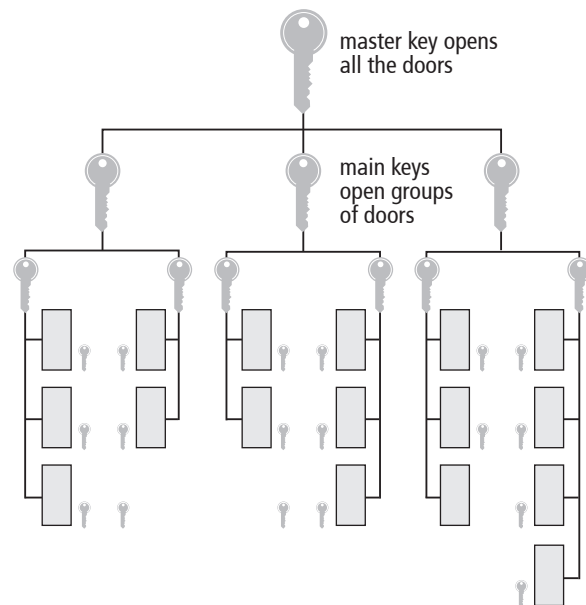
Grouped master key system in which each cylinder can be opened with its own key or with a master key that can open cylinders from one group but not others; a general master key can open all cylinders from all different groups. Standard cylinders closed from the interior with a thumb-turn latch cannot be opened with the main/master key.

### 5) Frictioned emergency

"Frictioned cylinder" means that the main or master key can only open doors that have not been closed from inside, while the same doors can still be opened with the emergency key.

### 6) Encrypted cylinder with sample key

Sample key coding allows for cylinders to be coded on the basis of a sample key supplied by the customer.



Key plan example for master key systems.

## KEYS

The order should specify the number of keys to be supplied with the mastered cylinders.

### Versions available

normal key	opens the single door only
main key	opens all doors from the same group
master key	opens all the doors that have grouped mastering
emergency key	opens all doors



Key

## DOOR CLOSER

The door closer regulates the closure of the door so that the door leaf returns properly to its final closed position after being released.

Regulation is influenced by closure force, speed and the final impact.

Although Univer and Proget doors are equipped with spring hinges for automatic closure, the installation of door closers is recommended for wide and/or heavy doors and/or in the presence of windows on the leaf.

The door closer product is addressed by EU directive 89/106/CEE, which means it is subject to **CE** marking.

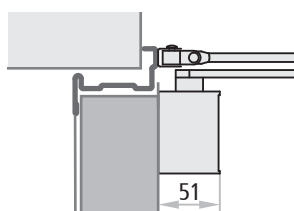
### CP1 with scissor arm

**CE** marked in conformity with EN 1154.

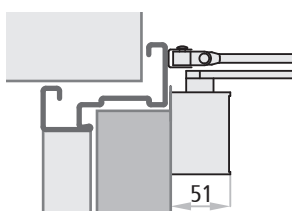
Rever, Univer and Proget doors are available, on request, with an overhead CP1 door closer with a silver-colored scissor arm.

The CP1 can be used for fire rated doors and is classified for 180° closure with a force varying from 3 to 4.

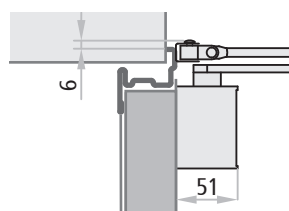
Proget doors ordered with CP1 are provided with pre-drilled installation holes on the door leaf and the frame. Standard Rever, Univer and Proget doors include internal reinforcements for the CP1 application.



CP1 UNIVER



CP1 PROGET



CP1 REVER

#### Optional colors:

	RAL	RAL
dark bronze	9016	9005
	white	black

#### NOTE

Arm protrusion = 290 mm



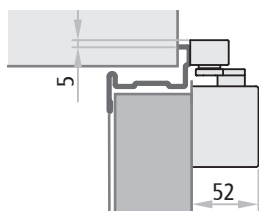
### CP2 with slide channel

**CE** marked in conformity with EN 1154.

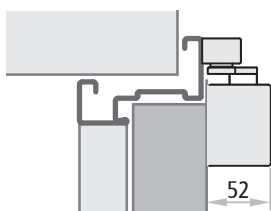
On request Rever, Univer and Proget doors are available with an overhead CP2 door closer with slide channel. Relative to the CP1, the advantage of this system is the absence of a protruding of scissor arm.

The CP2 is suited for use on fire rated doors and has been classified for 180° closure with force level 4.

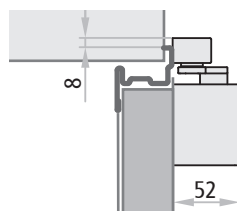
Proget doors ordered with CP2 are provided with pre-drilled installation holes on the door leaf and the frame. Standard Rever, Univer and Proget doors include internal reinforcements for the CP2 application.



CP2 UNIVER



CP2 PROGET



CP2 REVER

#### Optional colors:

	RAL	RAL
dark bronze	9016	9005
	white	black



## CP2-EMF with slide channel and electro-mechanical hold open device

CE marked in conformity with EN 1154 and EN 1155.

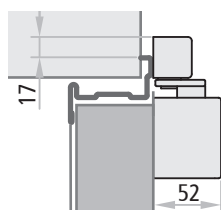
The CP2-EMF differs from the CP2 in that it has an electro-mechanical hold-open device that allows the door leaf to be locked at an angle ranging from 80° to 120°. During alarms or power outages, the hold-open device is unlocked and the door is closed by the door closer.

The CP2-EMF can be used on fire doors and has a maximum opening range of 120°, with a closing force set at 4. Proget doors ordered with CP2-EMF are provided with pre-drilled installation holes on the door leaf and the frame. Standard Univer doors include internal reinforcements for the CP2-EMF application.

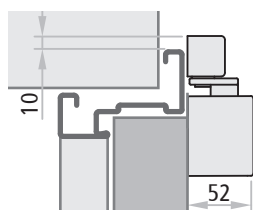


### Optional colors:

	RAL	RAL
dark	9016	9005
bronze	white	black



CP2 EMF UNIVER



CP2 EMF PROGET

Model	maximum opening in the absence of obstacles			power supply	absorption	CE certification	standard
	one-leaved door	active leaf	secondary leaf				
CP1	180°	180°	180°	-	-	0432-BPR-0054	EN 1154
CP2	180°	180°	180°	-	-	0432-BPR-0051	EN 1154
CP2 EMF	120°	120°	120°	24V DC	58,3mA	0432-BPR-0025	EN 1155

### ATTENTION

In case of opening of the door at an angle of more than 90° and hindered by a wall or other impediments, in order to avoid any damages to the handles and door closer or the leaf itself, the customer shall provide to install a door stopper to the floor or onto the wall. This is applicable also for doors with or without door closer excluding those where an electromagnet is installed.

# Closing regulators

For UNIVER - PROGET fire doors

## CLOSING REGULATOR

Closing regulators administer the closure of two-leaved doors so that the secondary leaf is overlaid on the active leaf upon final closure. This is why it is mandatory to apply closing regulators to all two-leaved fire doors.

### There are two systems for applying it to the door:

- separated from the self-closing system of the spring hinge or the door closer
  - incorporated into the closure system of the door closer
- Closing regulators are addressed by EU directive 89/106/CEE, which means they are subject to **CE** marking.

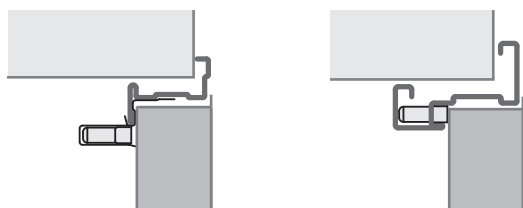
### RC/STD

**CE** marked in conformity with EN 1158.

The RC/STD closing regulator device is distinct from the door closer and is a standard element of all Univer and Proget two-leaved fire doors.

In Proget doors the closing regulator is inserted into the upper horizontal groove of the frame, while in Univer doors it is supplied separately with an anchoring rod to be installed on site. In comparison with other regulators which are separate from the door closer, the advantage of the RC/STD regulator is that it is not visible when the door is closed.

The RC/STD regulator is suited for use on fire doors and is classified for forces ranging from 3 to 5.



UNIVER

PROGET



### RC2 system

**CE** marked in conformity with EN 1154 and EN 1158.

On request, two-leaved Univer and Proget doors are available with an RC2 regulator in place of the RC/STD.

The RC2 closing regulator system is incorporated into the door closer, and consists of 2 CP2 with force EN 4 with a slide channel and a regulator integrated in the upper sliding guide. The entire system is silver colored.

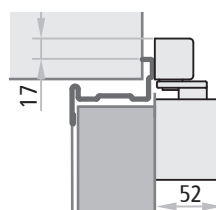
### The RC2 system presents clear advantages:

- no protruding door-closer arms
- regulator concealed in the upper guide (even when the door is open)
- controlled closure of both leaves

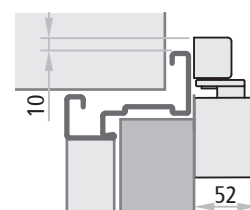
The RC2 regulator is suited for use on fire doors and is classified for both door closers with force EN4.

Minimum wall opening width of 1200 mm and minimum of 370 mm for the secondary leaf.

Proget doors ordered with RC2 are provided with pre-drilled holes for the installation of 2 CP2 door closers on the leaves and the slide channel on the frame. The installation holes in Univer doors need to be drilled on site for anchoring to the internal reinforcement of the leaves.



RC2 UNIVER



RC2 PROGET

### Optional colors:

dark bronze	RAL 9016 white	RAL 9005 black

# Closing regulators

For UNIVER - PROGET fire doors



PROGET  
multipurpose

## RC2-EMF1 SYSTEM

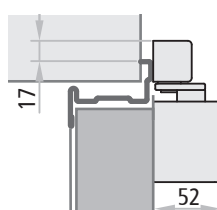
CE marked in conformity with EN 1154, EN 1158 and EN 1155. The RC2-EMF1 system differs from the RC2 in that it has an electro-mechanical hold-open device that allows the door leaf to be locked at an angle ranging from approx. 80° to 130°. The active leaf is held open by the closing regulator system. During alarms or power outages, the hold-open system is unlocked and the door is closed by the door closer. The entire system is provided in the standard silver color.

### The RC2-EMF1 system presents multiple advantages:

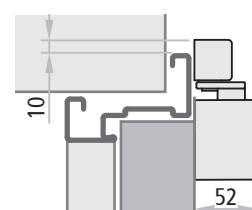
- possibility of holding the leaves open in the desired position
- no visible magnets
- no protruding door closer arms
- regulator concealed in the upper guide (even when the door is open)
- controlled closure of both leaves

The RC2-EMF1 system is suited for use on fire rated doors and is classified for both door closers with force level EN 4. Minimum wall opening width of 1200 mm and minimum of 370 mm for the secondary leaf.

Proget doors ordered with RC2-EMF1 are provided with pre-drilled installation holes on the door leaf and the frame. The Univer door series includes internal reinforcements for application of the two door closers.



RC2-EMF1 UNIVER



RC2-EMF1 PROGET

### Optional colors:

	RAL	RAL
dark bronze	9016	9005
	white	black

Model	maximum opening in the absence of obstacles		power supply	absorption	CE certification	standard
	active leaf	secondary leaf				
RC/STD	180°	180°	-	-	0425-ICIM-1153	EN 1158
RC2	180°	180°	-	-	0432-BPR-0051	EN 1154
					0432-BPR-0026	EN 1158
					0432-BPR-0051	EN 1154
RC2-EMF1	180°	130°	24V DC	58,3mA	0432-BPR-0025	EN 1155
					0432-BPR-0026	EN 1158

## ATTENTION

In case of opening of the door at an angle of more than 90° and hindered by a wall or other impediments, in order to avoid any damages to the handles and door closer or the leaf itself, the customer shall provide to install a door stopper to the floor or onto the wall. This is applicable also for doors with or without door closer excluding those where an electromagnet is installed.

# Automatic door sweep

For NINZ doors

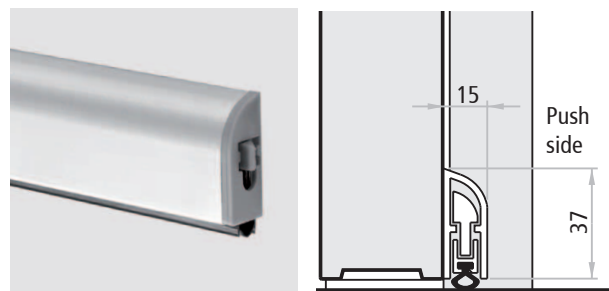


## AUTOMATIC DOOR SWEEP

On request, Rever, Univer and Proget doors are available with an automatic door sweep to prevent air drafts from entering through the crack between the leaf and the floor. It complements the FF sealing applied to the frame to provide better acoustic insulation and better air sealing for the door.

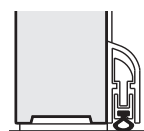
It is applied on the push side by using screws to attach it directly to the sheet metal of the door, after which the mechanism is completely covered with an anodized aluminum profile. On request, it can also be provided in the same color as the door leaf.

It is applied on site following door installation so that it can be adjusted to the actual leaf height.



## FIELDS OF APPLICATION FOR THE AUTOMATIC DOOR SWEEP

### PROGET fire and multipurpose doors



1 leaf/active  
or passive

FM L one-leaved door	L1 active leaf	L2 passive leaf	seals to be used
from 500 to 520 mm	from 500 to 520 mm	from 350 to 435 mm	L 430 mm
from 521 to 620 mm	from 521 to 620 mm	from 436 to 535 mm	L 530 mm
from 621 to 720 mm	from 621 to 720 mm	from 536 to 635 mm	L 630 mm
from 721 to 820 mm	from 721 to 820 mm	from 636 to 735 mm	L 730 mm
from 821 to 920 mm	from 821 to 920 mm	from 736 to 835 mm	L 830 mm
from 921 to 1020 mm	from 921 to 1020 mm	from 836 to 935 mm	L 930 mm
from 1021 to 1120 mm	from 1021 to 1120 mm	from 936 to 1035 mm	L 1030 mm
from 1121 to 1220 mm	from 1121 to 1220 mm	from 1036 to 1135 mm	L 1130 mm
from 1221 to 1320 mm	from 1221 to 1320 mm	from 1136 to 1235 mm	L 1230 mm
from 1321 to 1340 mm	from 1321 to 1330 mm	from 1236 to 1330 mm	L 1330 mm



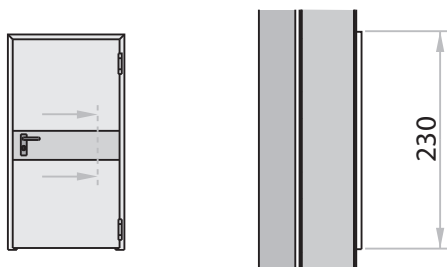
# Protection plates - Drip-steel profile

For NINZ doors

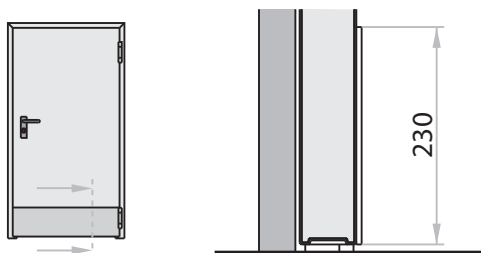


## PROTECTIVE PLATES AND KICKPLATES

On request for 1 and 2 leaf Univer and Proget doors, specifying the side of application (pull or push). Their main function is to protect the parts of the door that are vulnerable to being scraped by carts, hospital beds, etc. They are made of AISI 304 satinized stainless steel sheet metal with a standard height of 230 mm. For on-site attachment with two-sided adhesive factory applied on the back, at the bottom of the door (kick plate) or at handle height (protective plate).



Protection plates



Kick plates



Holes are factory prepared for the passage of the handle panel and cylinder

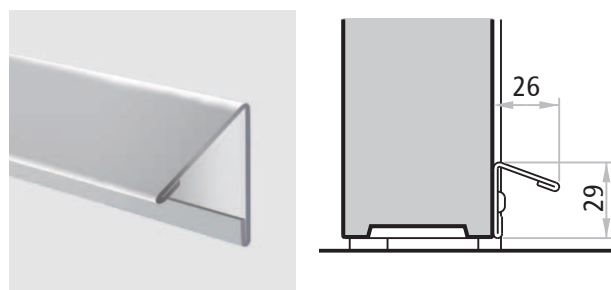


Example of application on the push side

## DRIP-STEEL PROFILE

On request for Univer and Proget one-leaved doors. Normally used to prevent condensation from dripping down the door leaf and puddling beneath the door. The profile is made of "Sendzimir" processed galvanized sheet metal painted the color of the door leaf.

It is applied usually on the push side of the leaf on site after being cut to measure, to be attached with the screws provided.



Lengths available	FM L door leaf
710 mm	to 800
810 mm	to 900
910 mm	to 1000
1260 mm	to 1350

# MAC® Multifunctional Access Control

## Controlled opening system

**NINZ**®  
FIREDOORS

The MAC system makes it possible to activate the handle to open the door using the same mechanical components as for normal functioning.

The particularity of the MAC system is that it concentrates all of the command and control functions in the lock, which simplifies the electrical work required on site.

### The MAC system offers multiple advantages, such as:

- possibility of 12 or 24V AC/DC power supplies, which avoids problems due to inadequate voltage
- *low current absorption:*
  - at 12V the startup current is 500mA for the first 5-6 sec., before changing to a 250mA maintenance current
  - at 24V the startup current is 1A for 300 millisec., before settling to 500mA for 4-5 sec. and finally changing to a 250mA maintenance current for the remaining 25 sec.
- timer incorporated, time set at 30 sec., eliminating the need for external timers. Further, in case of delivery with the door with automatic reset function (reset of the timer) for every door opening
- red/green LED on the backplate to prevent useless forcing of the handle by signaling whether the opening system is active or not
- possibility of continuous handle activation (always open when desired)
- ready for the connection of an optional remote LED (not supplied) for remote signaling of lock activation/deactivation



Plastic handle with LEDs



Stainless steel handle with LEDs



Double electrical contacts between leaf and doorframe

# MAC® Multifunctional Access Control

## Controlled opening system

**NINZ**®  
FIREDOORS

The MAC system can be delivered installed onto the door with cables inside the door leaf and electrical contacts between the leaf and the doorframe, or as a KIT with a cable sleeve for the power supply.

*Delivery together with the door features these installed accessories: lock (anti-panic only for MAC1) with solenoid and electronic chip with timer incorporated (1), double electrical contacts between leaf and frame (2), internal wiring inside the leaf (3); supplied to be installed: handle and backplate with red/green LED and connectors (4).*

*Not included: power supply for doorframe contacts (5), opening button and command accessories (6).*

*Unlike the delivery together with the door, the KIT (supplied separately from the door) offers a flexible cable sleeve between the door leaf and the power supply instead of the double electrical contacts. In case of a handle the installation of a cable sleeve onto the door leaf (not supplied) is necessary for the power supply.*

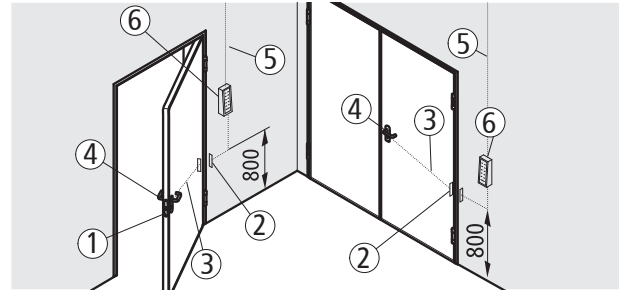


Diagram of components

### NOTE

The MAC system installed onto doors REI 120 has been fire tested, and proved to not influence negatively the door's performance.

Before the installation of doors with MAC locks it is necessary to prepare the power supply (active door leaf side in case of double leaved doors) at a height of approx. 800mm from the finished floor level and in proximity of the wall angle, where the door frame will be mounted. The power wires must have a section of 0,75-1,0mm<sup>2</sup> and must be flexible.

## MAC 1 SYSTEM

### Operation mode

The MAC 1 system controls access from the pull side of the door. With the lock locked by key, opening is only possible with electrical consent (button, switch, badge reader, etc.) which activates the handle, while opening is always possible from the push side by means of the panic bar or emergency handle. Activation of the handle is signaled by illumination of the "green LED," while the "red LED" indicates when the handle is idle. Both LEDs are off when no power is being supplied.

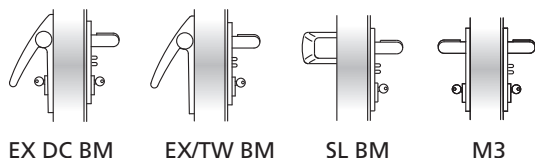
### Time mode

In this mode, the activation time lasts 30 seconds before the handle is returned to idle. In case of delivery with the door, if the door is opened within the 30 seconds, the timer is automatically reset to zero.

### Continuous mode

"open setting": in this mode, handle activation is controlled by an electrical switch (not included) that provides continuous power to the MAC 1 lock. The green LED remains switched on (not valid for the "Kit" version) and is switched off only for the period between the door's opening and its fully closure.

**MAC 1 can be combined with any BM type panic bar and M3 emergency handles (to be ordered on the side).**



## MAC 2 SYSTEM

### Operation mode

The MAC 2 system controls access from both sides of the door. With the lock locked by key, opening is only possible with electrical consent (button, switch, badge reader, etc.) which activates both handles. Activation of both handles is signaled by illumination of the "green LED," with the "red LED" signaling when the handles are idle. Both LEDs are off when no power is being supplied.

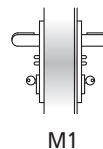
### Time mode

In this mode, the activation time lasts 30 seconds before both handles are returned to idle. In case of delivery with the door, if the door is opened within the 30 seconds, the timer is automatically reset to zero.

### Continuous mode

"open setting": in this mode, the activation of both handles is controlled by an electrical switch (not included) that provides continuous power to the MAC 2 lock. The green LEDs remain switched on (not valid for the "Kit" version) and are switched off only for the period between the door's opening and its fully closure.

**MAC 2 standard delivery with M1 plastic handle. Upon request an M1X stainless steel handle can be delivered (to be ordered on the side).**



### NOTE

The MAC system installed onto doors REI 120 has been fire tested, and proved to not influence negatively the door's performance. Before the installation of doors with MAC locks it is necessary to prepare the power supply (active door leaf side in case of double leaved doors) at a height of approx. 800mm from the finished floor level and in proximity of the wall angle, where the door frame will be mounted. The power wires must have a section of 0,75-1,0mm<sup>2</sup> and must be flexible.

### ELM/MT MULTI-VOLTAGE ELECTRIC HANDLE

Controlled door opening system that employs an electronic device to activate the handle. The latter is equipped with an internal timer with a 30 seconds time allowance for opening the door, after which the electric handle is deactivated. The handle can be activated for longer time periods by means of the electrical switch.

The illumination of a green LED and sounding of an acoustic signal (buzzer) indicate handle activation, while a red LED indicates deactivation.

**When ordered together with the door, the ELM/mt system includes:**

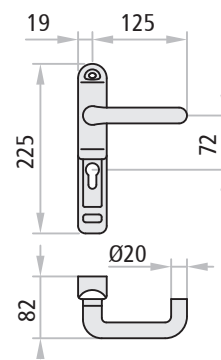
electric handle, electrical contacts between the leaf and the frame, power cable inside the door connected to electrical contacts, command panel, lock and fixing screws.

**If ordered separately from the door, the system includes:**

electric handle, command panel and fixing screws.

#### Technical data

power supply	12-24V AC/DC
current absorbed at 12V	500mA
current absorbed at 24V	200mA
startup current at 12V	700mA
startup current at 24V	300mA
minimum operating temperature	-5°C



### ELM/CISA MULTI-VOLTAGE CISA ELECTRIC HANDLE

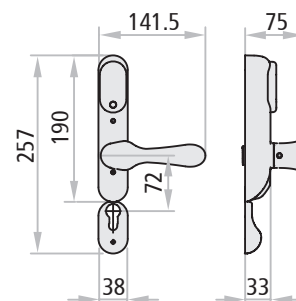
Controlled door opening system that employs an electronic device to activate the handle. Equipped with a separate timer (for insertion into the switch box) which can be set for different opening times: from a minimum of 0,1 second to a maximum of 10 days.

Equipped with green LED that signal activation of the handle.

The ELM/cisa system includes: electric handles, 2 meters of power cable, cable sleeve for the connection between the leaf and the frame, 8/9 square spindle, fixing screws, adjustable timer packaged separately.

#### Technical data

power supply	12-24V AC/DC
current absorbed	330mA
startup current	800mA
operational temperature	-20°C ÷ +80°C
max. relative ambient humidity	95%



#### NOTE

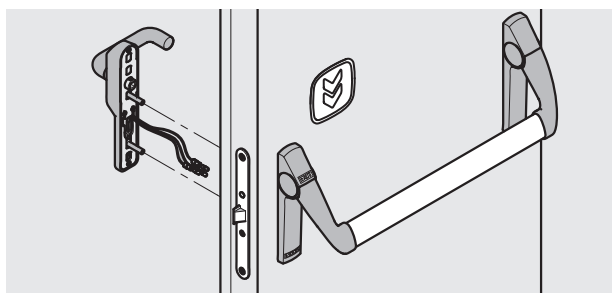
The electric handle requires assembly.

## OPENING SYSTEM FOR COMBINATION WITH ELM/MT OR ELM/CISA ELECTRIC HANDLES

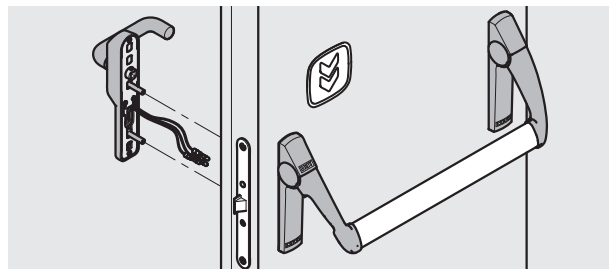
### Panic bars

The controlled opening direction is from the pull side of the door (electric handle side). Locking the lock by key blocks the electric handle functioning, while opening is still possible via the panic bar on the push side.

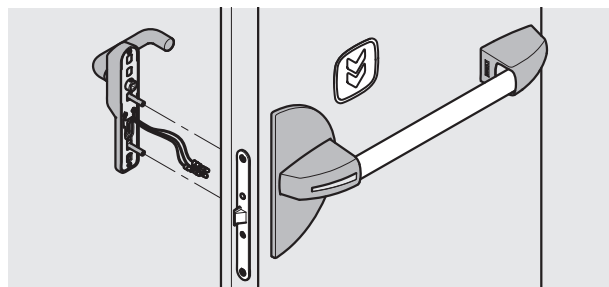
Use: one- or two-leaved doors for anti-panic exits when access control is desired on the pull side.



Twist



Exus

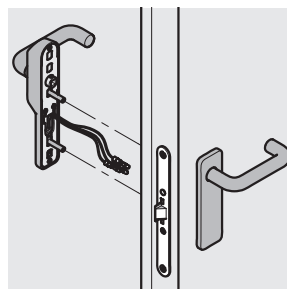


Slash

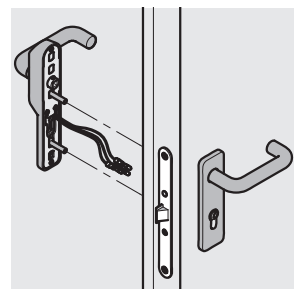
### MSC handles

Use: one- or two-leaved doors when control is desired for one of the two opening directions. Locking with the key blocks opening in both directions.

Controlled opening may be for either the push or pull direction, depending on where the electric handle is applied.



MSC



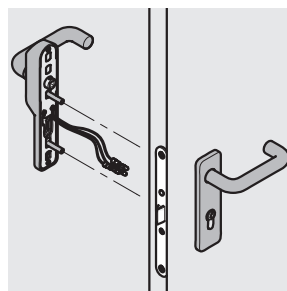
MCC/S

### MCC/S handles

Use: for one- or two-leaved doors where access is to be controlled from the pull side only (electric handle side). Locking with the key blocks opening from the push side, but not from the side where the electric handle is applied.

### MCC/T handles

Use: for one- or two-leaved doors where access is to be controlled from the push side only (electric handle side). Locking with the key blocks opening from the pull side, but not from the side where the electric handle is applied.



MCC/T

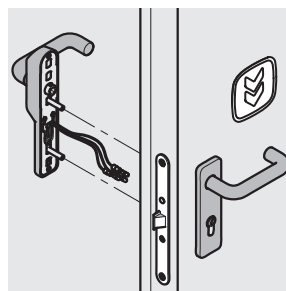


## OPENING SYSTEM FOR COMBINATION WITH ELM/ MT ELECTRIC HANDLE

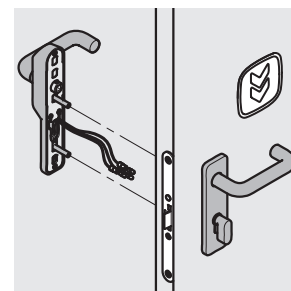
### M3 emergency handles

Use: one- or two-leaved doors for emergency exits when access control is desired on the pull side.

The controlled opening direction is from the pull side of the door (electric handle side). Locking the lock by key blocks the operation of the electric handle, while opening remains possible via the M3 emergency handle.



M3



HOT-CIL

### HOT/CIL emergency handles

Use: for the doors of hotel rooms

The controlled opening direction is from the push side of the door (electric handle side). Closing with the thumb-turn latch from inside the room, the opening by electric handle is possible only with an electric consent. Opening is always possible from the room side of the door.

# Door blocking electromagnet

## Controlled opening system

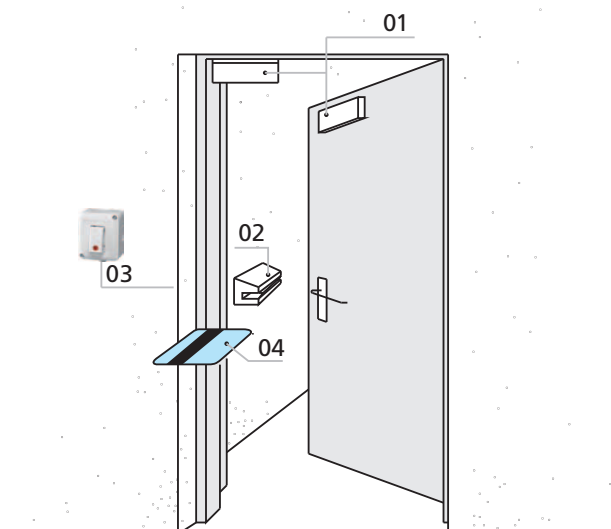
### DOOR BLOCKING ELECTROMAGNET

This system is for use in special situations when the doors remain closed and should only be opened with electrical consent. The electrically powered electromagnet holds the door closed with a holding force of approximately 300kg, rendering the action of the handle ineffective. Only electrical commands (badge reader, key button, etc.) or electrical consent from the fire detector system can deactivate the electromagnet making a door opening possible.

#### Operation mode

The door is held closed by the electromagnet (01) and the bolt of the lock. Opening from the outside can happen via magnetic card (04) using the Badge reader (02) of the card control system or any other system of choice and by retracting the bolt using the handle or key.

From the inside, the deactivation of the electromagnet is caused by the unlock button (03) (also remotely) or with the same system used for the pull side, while the locking bolt must still be retracted using the handle or key. The activated electromagnet signals its state with a red LED, whereas the green LED signals the temporary deactivation. Further a relay AC/DC signaling the electromagnetic state is supplied.



#### NOTE

Unlocking of the door is only possible if the door is not locked by key.

#### Technical data

power supply	12/24V DC	time delay	0 ÷ 90 sec.
current absorbed	500mA at 12V DC - 250mA at 24V DC	electromagnetic compatibility standard	EMC - UNI CEI 70011
withstand force	up to 300kg.	certificate Nr.	0123/02

### COMPONENTS INCLUDED WITH THE DOOR BLOCKING ELECTROMAGNET

#### For Proget doors

Door blocking electromagnet, withstanding force 300kg, 12/24V DC, fastener plate, anchor with stainless steel fastener backplate.

#### For Rever/Univer doors

Door blocking electromagnet, withstanding force 300kg, 12/24V DC, fastener plate and angle bar, anchor with stainless steel fastener backplate.

#### Control system:

- "Access" code keypad
- Card-based control system
- Biometric "TOCA access" reader
- Unlock button

#### NOTE

Detailed specifications for the Control system are found on the "Command accessories" page.



PROGET electromagnet



REVER/UNIVER electromagnet

## CONTROL SYSTEMS AND RELATED ACCESSORIES

### „Access“ code keypad

Power supply 12-18V AC/DC with 10 numeric buttons plus an Enter key, including control unit for 1 door and timer incorporated (0,5÷25 sec.). Up to 500 recordable different codes, composed from 1 to 6 digits.



„Access“ code keypad

### Card-based control system

Card control system with timer incorporated, including Badge reader, control unit, flat cable, external 230V DC/15V DC transformer, three blank badges and a coded badge.



Card-based control system

### „TOCA access“ biometric reader

„TOCA access“ biometric reader for reading fingerprints and transforming them into key codes. Includes an internal unit for registering, memorizing and cancelling users and external unit for fingerprints. Autonomous low voltage 9V AC power supply.



Biometric reader

### Unlock button

Unlock button with white casing and control light.



Unlock button

### Power Supply Switching 12V DC - 3A

With different management options:

- max. Nr. 10 MAC® Multifunction Access Control \*
- or max. Nr. 5 Electromagnets door blocking
- or max. Nr. 5 ELM/mt Electric handles \*
- or max. Nr. 8 ELM/cisa Electric handles \*



Power supply switching 12V DC-3A

\* provided that they are not commanded simultaneously

# Emergency exit devices

NINZ

PROGET  
multipurpose

**"safety is in  
your hands"**



## PRESENTATION

### Emergency exit devices (emergency handles)

Ninz S.p.A. is a leader in fire doors, and has once again re-asserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of emergency exit handles.

The handles are **CE** marked and pre-certified according to European standard EN 179:2008, which entered in effect January 01, 2010, and which prescribes a several substantial changes that further extend the requirements for maximum safety and ease of opening.

### The Kit designed for your needs

When ordered separately from the door, the M3, M3X, M14, M14X, Hot CIL and HOT CIL-X handles are packaged in functional KITS for display and presentation in the most appropriate distribution context.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding and **CE** certified parts.

### Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 179:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using original NINZ replacement parts.

For this reason, the instructions for emergency handles include additional indications regarding proper installation and maintenance plus a exploded assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

### NOTE

Handles are considered to be accessories and assembly is required.

# M3 emergency handle

Emergency handle for internal locks - EN 179:2008



## M3 IN BLACK PLASTIC

### Description

Lever handle for emergency exit:

- Reversible for right or left opening
- Applicable to single leaf doors or the active leaf (main leaf) of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- Both the levers and the backplates are made of black plastic, and the core of the lever and the internal installation plate are made of galvanized steel
- The lock is anti-panic/fire rated for European profile cylinders
- Cylinder to pass in nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with ratings up to EI<sub>2</sub>120 - REI120 and smoke resistance, handle protrusion of 65 mm

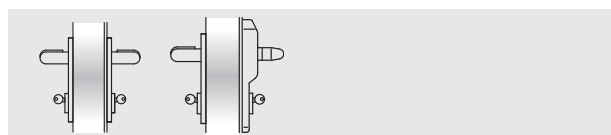
### Applications

The M3 lever handle for emergency exits is for use on doors designated for emergency situations involving people who are accustomed to using safety exits and their hardware, and who are therefore unlikely to be in a state of panic.

### Operation mode

With the lock locked by key, the door can no longer be opened from the pull side, while the door can still be opened using the lever on the push side.

## VERSIONS AVAILABLE

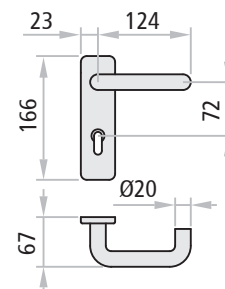


M3

M3 ELM/mt

## VARIATIONS ON REQUEST

- MAC1 type panic lock, including access control mode
- Panic lock with 3 closing points (for multipurpose PROGET doors only)
- Mastered or coded cylinders



## SUPPLIED TOGETHER WITH THE DOOR

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* anti-panic lock with 65 mm entrance and the strike box insert.

*Included (in the package):* Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

*Versions available:* M3, M3 ELM/mt.

*ELM electric handle:* see the dedicated pages

## M3 KIT VERSION

### (SUPPLIED SEPARATELY FROM THE DOOR)

### KIT for single leaf or the active leaf of two-leaved doors:

Specify the leaf thickness in the order.

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

*Versions available:* M3



# M3X emergency handle

Emergency handle for internal locks - EN 179:2008



## M3X IN STAINLESS STEEL

### Description

Lever handle for emergency exit:

- Reversible for right or left opening
- Applicable to single leaf doors or the active leaf (main leaf) of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The levers as well as the internal installation plates are made of AISI 304 satinized stainless steel, and the backplates are made of galvanized steel
- The lock is anti-panic/fire rated for Euro profile cylinders
- Cylinder to pass in nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire resistance up to EI<sub>120</sub> - REI<sub>120</sub> and smoke resistance, handle protrusion of 75 mm

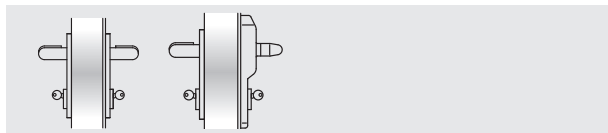
### Use

The M3X emergency exit handle are to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and therefore who are very unlikely to be in a state of panic.

### Operation mode

With the lock locked by key, the door can no longer be opened from the pull side, but the door can still be opened from the push side using the handle.

## VERSIONS AVAILABLE

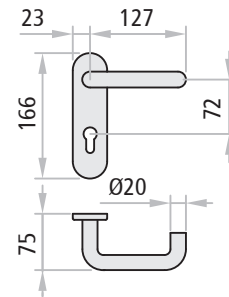


M3X

M3X ELM/mt

## VARIATIONS ON REQUEST

- MAC1 panic lock, including access control system
- Panic lock with 3 closing points (for multipurpose PROGET doors only)
- Mastered or coded cylinders



## SUPPLIED TOGETHER WITH THE DOOR

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* anti-panic lock with 65 mm entrance and the strike box insert.

*Included (in the package):* Nr. 2 stainless steel lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 stainless backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

*Versions available:* M3X, M3X ELM/mt.

*ELM electric handle:* see the dedicated pages

## M3X KIT VERSION

### (SUPPLIED SEPARATELY FROM THE DOOR)

### KIT for single leaf or the active leaf of two-leaved doors:

Specify the leaf thickness in the order.

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 black plastic lever handles, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 split square spindle, Nr. 1 standard nickel-plated double cylinder with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 instruction/maintenance manual.

*Versions available:* M3X

# Certifications

Emergency handle for internal locks - EN 179:2008



## M3, M3X CERTIFICATIONS

Suitable for one-leaved doors or the active leaf of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf and a mass of 300 kg/leaf

Denomination	M3, M3X DEVICE FOR EMERGENCY EXITS
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2147-CPD-2010
Classification	<b>3 7 7 B 1 4 4 2 A A</b>

1st	Category of use very frequent	_____
2nd	Durability 200.000 cycles	_____
3rd	Door mass over 200 kg	_____
4th	Suitable for fire/smoke rated doors	_____
5th	Safety, suitable for evacuation routes	_____
6th	High corrosion resistance 240 h	_____
7th	Material safety 1000 N	_____
8th	Handle protrusion up to 100 mm	_____
9th	Activation type with lever handle	_____
10th	Suitable for one- or two-leaved doors	_____

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425	
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate is issued in accordance with the requirements defined in Article 6 par.2 lett. B) of DPR 21th April 1993, n°246 (89/106/CE Directive) and certifies the compliance of the product to art. 1, art.2 and annex A of DPR 21th April 1993, n°246 (89/106/CE Directive)			
ATTESTATO N°	2147 - CPD - 2010	CERTIFICATE N°	
Organismo notificato	Notified Body		
ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI	Identification number: 0425		
Dati Fabbricante	Manufacturer details		
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Head office	
Unità operativa		Production unit	
Dati prodotto	Product details		
Tipologia	Type		
DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA	EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD		
Denominazione	Dispositivo di emergenza serie "M3" "M3X"	Denominazione	
Serrature antipanico	art. AP16/18, 3201001.018, SCA 1 3201001.019/020, MAC 1 3201001.041/042		
Coppia di deviatori	art. 4201010		
Riscontro serratura	art. 2401006, 2401005, 2401015, 2401014, 2401035, 3412001		
Aste verticali	art. 3305013		
Comandi	art. 3101001.009 (M3), 3101017.003 (M3X)		
Sistema di attestazione della conformità	1	System of attestation of conformity	
Norma di riferimento	EN 179:2008	Standard reference	
Classificazione	3   7   7   B   1   4   4   2   A   A	Classification	
Eventuali estensioni	Nessuna / None		
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None		
Condition of subordination of CE certification			
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.			
Data di emissione Issue date	Emissione corrente Current issue	Data di scadenza Expiring date	ICIM S.p.A. Il Presidente Ing. Tullio Badino
12/03/2010	12/03/2010	11/03/2020	

# HOT-CIL Emergency handle

Emergency handle for internal locks - EN 179:2008

**NINZ**<sup>®</sup>  
FIREDOORS

## HOT-CIL IN BLACK PLASTIC

### Description

Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:

- Reversible for right or left opening
- Normally applied on single leaf doors or the active leaf of two-leaved doors if the secondary leaf normally remains closed and can only be opened manually with the latch bolt (019)
- Suitable for Rever/Univer/Proget doors and other types of emergency exit pull doors
- The lever, doorknob and even the backplates are made of black plastic, while the core of the lever and the internal installation plates are made of galvanized steel
- The lock is anti-panic/fire rated pull type for Euro profile cylinders
- Mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire rating EI<sub>2</sub>120 - REI120 and smoke resistance, handle protrusion of 65 mm

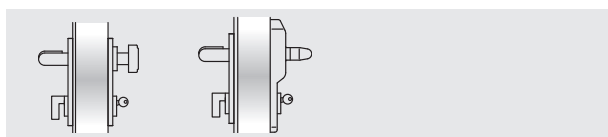
### Use

The HOT-CIL emergency exit handle is to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore very unlikely to be in a state of panic.

### Operation mode

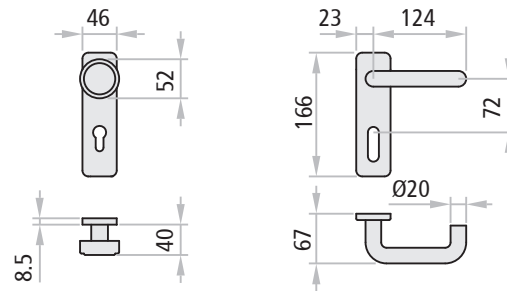
The door can be opened from the push side by key only, while it can be opened at any time from the pull side by pressing the handle, even when the lock is locked using the key. The lock has two bolts that protrude when the key or the thumbturn latch is turned.

## VERSIONS AVAILABLE



HOT-CIL

HOT-CIL ELM/mt



## SUPPLIED TOGETHER WITH THE DOOR

**For the single leaf or active leaf (main leaf) of two-leaved doors (the secondary leaf normally remains closed and can only be opened manually using the bolt lock (019)):**

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the strike box insert.

*Included (in the package):* Nr. 1 lever handle and Nr. 1 fixed doorknob in black plastic, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

*Versions available:* HOT-CIL, HOT-CIL ELM/mt.

*ELM electric handle:* see the dedicated pages.

## HOT-CIL KIT VERSION

**(SUPPLIED SEPARATELY FROM THE DOOR)**

**KIT for single leaf door or the active leaf (main leaf) of two-leaved doors (the secondary leaf normally remains closed and can only be opened manually using the bolt lock (019)):**

Specify the leaf thickness in the order.

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 1 lever handle and Nr. 1 fixed doorknob in black plastic, Nr. 2 galvanized steel internal installation plates, Nr. 2 black plastic backplates, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

*Versions available:* HOT-CIL

# HOT-CIL-X Emergency handle

Emergency handle for internal locks - EN 179:2008

**NINZ**  
FIREDOORS

## HOT-CIL-X IN STAINLESS STEEL

### Description

Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:

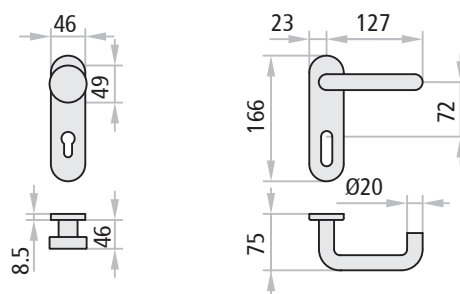
- Lever handle and fixed doorknob for emergency exits, especially for hotel rooms:
- Reversible for right or left opening
- Normally applied on single leaf doors or the active leaf of two-leaved doors if the secondary leaf normally remains closed and can only be opened manually with the latch bolt (019)
- Suitable for Rever/Univer/Proget doors and other types of emergency exit pull doors
- The lever, doorknob and plates are made of AISI 304 satinized stainless steel, while the backplates are made of galvanized steel
- The lock is anti-panic/fire rated for Euro profile cylinders
- Mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, masses up to 300 kg/leaf, fire rated to EI<sup>2</sup>120 - REI120 and smoke resistance, handle protrusion of 75 mm

### Application

The HOT-CIL-X emergency exit handle is for use on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore very unlikely to be in a state of panic.

### Operation mode

The door can be opened from the push side by key only, while it can be opened at any time from the pull side by pressing the handle, even when the lock is locked using the key. The lock has two bolts that protrude when the key or the thumbturn latch is turned.



## SUPPLIED TOGETHER WITH THE DOOR

**For the single leaf or active leaf (main leaf) of two-leaved doors (the passive leaf (secondary) normally remains closed and can only be opened manually using the bolt lock (019)):**

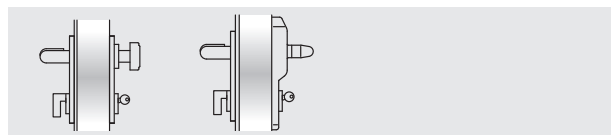
*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the strike plate insert.

*Included (in the package):* Nr. 1 lever handle and Nr. 1 fixed doorknob in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

*Versions available:* HOT-CIL-X, HOT-CIL-X ELM/mt.

*ELM electric handle:* see the dedicated pages.

## VERSIONS AVAILABLE



HOT-CIL-X

HOT-CIL-X ELM/mt

## HOT-CIL-X KIT VERSION

**(SUPPLIED SEPARATELY FROM THE DOOR)**

**KIT for single leaf door or the active leaf (main leaf) of two-leaved doors (the passive leaf (secondary) normally remains closed and can only be opened manually using the bolt lock (019)):**

Specify the leaf thickness in the order.

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 1 lever handle and Nr. 1 fixed doorknob in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 mastered cylinder to pass with thumbturn latch on the pull side made of nickel-plated brass with 3 keys, fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

*Versions available:* HOT-CIL-X

# Certifications

Emergency handle for internal locks - EN 179:2008



## HOT-CIL, HOT-CIL-X CERTIFICATION

Suitable for one-leaved doors or two-leaved doors with the second leaf semi-fixed and not equipped with emergency or anti-panic devices, with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf.

Denomination	HOT-CIL, HOT-CIL-X EMERGENCY EXIT DEVICE
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2149-CPD-2010
Classification	<b>3 7 7 B 1 4 4 2 A D</b>

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 240 h
- 7th Material safety 1000 N
- 8th Handle protrusion up to 100 mm
- 9th Activation type with lever handle
- 10th Suited for one-leaved doors

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.5 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate is issued in accordance with the requirements defined in Article 6 par.2 lett. b) of DPR 21th April 1993, n°246 (89/106/CE Directive) and certifies the compliance of the product to art. 1, art. 2 and annex A of DPR 21th April 1993, n°246 (89/106/CE Directive)		
<b>ATTESTATO N°</b>	<b>2149 - CPD - 2010</b>	<b>CERTIFICATE N°</b>
<b>Organismo notificato</b>	<b>Notified Body</b>	
ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI	Identification number: 0425	
<b>Dati Fabbricante</b>	<b>Manufacturer details</b>	
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	
Unità operativa	Head office Production unit	
<b>Dati prodotto</b>	<b>Product details</b>	
Tipologia	DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA Type	
EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD		
Denominazione	Dispositivo di emergenza	serie "HOT-CIL" "HOT-CIL-X"
Denomination		
Serrature antipánico	art. 3201001.011	
Coppia di deviatori	art. 4201010	
Riscontro serratura	art. 2401006, 2401005, 2401015, 2401014	
Comandi	art. 3101001.012 (M2), 3101017.002 (M2X)	
Sistema di attestazione della conformità 1 System of attestation of conformity		
Norma di riferimento EN 179:2008 Standard reference		
Classificazione 3 7 7 B 1 4 4 2 A D Classification		
<b>Eventuali estensioni</b>	<b>Extensions</b>	
Nessuna / None		
<b>Eventuali condizioni di subordinazione della Certificazione CE</b>	<b>Condition of subordination of CE certification</b>	
Nessuna / None		
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.		
<b>Data di emissione</b> Issue date	<b>Emissione corrente</b> Current issue	<b>Data di scadenza</b> Expiring date
12/03/2010	12/03/2010	11/03/2020
		ICIM S.p.A. Il Presidente Ing. Tullio Badino

PROGET  
multipurpose

# M14 emergency handle

Emergency handle for insertion in lock - EN 179:2008

## M14 IN BLACK PLASTIC

### Description

Lever handle for emergency exit:

- Reversible for right or left opening
- For application to the secondary leaf of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The lever and plate are both made of black plastic, while the core of the lever and the internal installation plate are made of galvanized steel
- The safety lock is anti-panic fire rated, activates the vertical rods and ensures automatic closure
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, masses up to 300 kg/leaf, with fire rating EI<sub>120</sub>
- REI120 and smoke resistance, handle protrusion of 65 mm

### Use

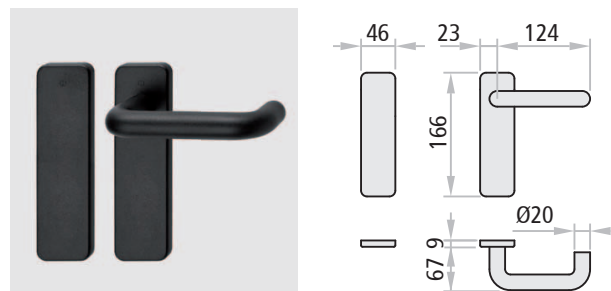
The M14 emergency exit handle is to be applied to doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore highly unlikely to be in a state of panic.

The active (main) leaf must also be equipped with an anti-panic or emergency device.

### Operation mode

The M14 emergency device is always used in combination with a second device for safety or emergency exits that is applied to the active (main) leaf, and for this reason does not include external opening door furnitures.

From the push side, opening is possible at any time by pushing on the handle, which causes the vertical rods to retract and at the same time pulls back the bolt of the active leaf's lock, unlatching both doors.



## SUPPLIED TOGETHER WITH THE DOOR

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, vertical rods, upper locking device, upper strike plate.

*Included (in the package):* Nr. 1 lever handle (black plastic), Nr. 2 galvanized steel internal installation plates, Nr. 2 blank black plastic backplates, Nr. 1 square spindle, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

## M14 KIT VERSION

### (SUPPLIED SEPARATELY FROM THE DOOR)

### KIT for single leaf or the active leaf of two-leaved doors:

Please specify the door type - REVER, UNIVER or PROGET - in the order.

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 1 lever handle (black plastic), Nr. 2 galvanized steel installation plates, Nr. 2 blank black plastic backplates, Nr. 1 square spindle, Nr. 1 upper locking device (for Rever and Univer multipurpose only), Nr. 1 carrier arm (excluding Rever and Univer multipurpose doors), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.



# M14X emergency handle

Emergency handle for internal locks - EN 179:2008

**NINZ**<sup>®</sup>  
FIREDOORS

## M14X IN STAINLESS STEEL

### Description

Lever handle for emergency exit:

- Reversible for right or left opening
- For application to the secondary leaf of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The lever and backplates are both made of AISI 304 satinized stainless steel, while the internal installation plates are made of galvanized steel
- The safety lock is anti-panic/fire rated, activates the vertical rods and ensures automatic closure
- Suitable for doors with dimensions up to 1350 x 2880 mm/leaf, mass up to 300 kg/leaf, with fire rating EI<sub>2</sub>120 REI120 and smoke resistance, handle protrusion of 65 mm

### Use

The M14X emergency exit handle is to be applied on doors designated for emergency situations in which the people involved are accustomed to using safety exits and their opening devices, and who are therefore highly unlikely to be in a state of panic.

The active (main) leaf must also be equipped with an anti-panic or emergency device.


### Operation mode

The M14X emergency device is always used in combination with a second device for safety or emergency exits that is applied to the active leaf, and for this reason does not include external opening door furnishings.

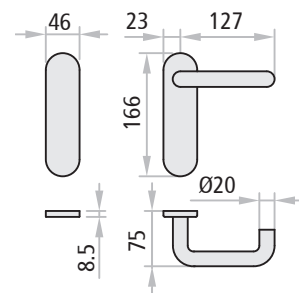
From the push side, opening is possible at any time by pushing on the handle, which causes the vertical rods to retract and at the same time pulls back the bolt of the active leaf's lock, unlatching both doors.

## M14, M14X CERTIFICATION

Suited for the secondary leaf of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf.

	
Denomination	M14 EMERGENCY EXIT DEVICE
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	10
Nr. and year of the standard	EN 179:2008
Certifying body	0425
CE certificate Nr.	2148-CPD-2010
Classification	3 7 7 B 1 4 4 2 A C

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 240 h
- 7th Material safety 1000 N
- 8th Handle protrusion up to 100 mm
- 9th Activation type with lever handle
- 10th Suited for door: two-leaved, on the secondary leaf only



## SUPPLIED TOGETHER WITH THE DOOR

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, vertical rods, upper locking device, upper strike plate.

*Included (in the package):* Nr. 1 lever handle in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 blank backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 floor-mounted door catch, Nr. 1 carrier arm (for fire doors only), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.



## KIT M14X VERSION

### (SUPPLIED SEPARATELY FROM THE DOOR)

### KIT for single leaf or the active leaf of two-leaved doors:

Please specify the door type - REVER, UNIVER or PROGET - in the order.

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 1 lever handle in satinized stainless steel, Nr. 2 galvanized steel internal installation plates, Nr. 2 backplates in satinized stainless steel, Nr. 1 square spindle, Nr. 1 upper locking device (for Rever and Univer multipurpose only), Nr. 1 carrier arm (excluding Rever and Univer multipurpose doors), fastener screws, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

		<b>ATTESTATO DI CONFORMITÀ</b> DIRETTIVA 89/106/CEE <b>CERTIFICATE OF CONFORMITY</b> DIRECTIVE 89/106/CEE					
<small>Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate is issued in accordance with the requirements defined in Article 6 par.2 lett. B) of DPR 21st April 1993, n°246 (89/106/CEE Directive) and certifies the compliance of the product to art. 1, art. 2 and annex A of DPR 21st April 1993, n°246 (89/106/CEE Directive).</small>							
<b>ATTESTATO N°</b>		<b>2148 - CPD - 2010</b>		<b>CERTIFICATE N°</b>			
<b>Organismo notificato</b>		<b>ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 SESTO SAN GIOVANNI</b>		<b>Notified Body</b>			
				<b>Identification number: 0425</b>			
<b>Dati Fabbricante</b>		<b>NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY</b>		<b>Manufacturer details</b>			
Sede legale				Head office			
Unità operativa				Production unit			
<b>Dati prodotto</b>		<b>DISPOSITIVI PER USCITE DI EMERGENZA AZIONATI MEDIANTE MANIGLIA A LEVA O PIASTRA A SPINTA</b> <b>EMERGENCY EXIT DEVICES OPERATED BY A LEVER HANDLE OR PUSH PAD</b>		<b>Product details</b>			
Tipologia		serie "M14" "M14X"		Type			
Denominazione		Dispositivo di emergenza		Denomination			
		art. AP020P, AP020U, 3201001.006					
		art. 3105080, 3105024, 3305003					
		art. 2401046, 2401044, 2401002					
		art. 2401001, 2401007, 3105091, 2401020					
		art. 3305015, 3305016, 3305002, 3305005					
		art. 3101001.008 (M14), 3101017.004 (M14X)					
Comandi							
Sistema di attestazione della conformità		1		System of attestation of conformity			
Norma di riferimento		EN 179:2008		Standard reference			
Classificazione		3   7   7   B   1   4   4   2   A   C		Classification			
<b>Eventuali estensioni</b>		Nessuna / None		<b>Extensions</b>			
<b>Eventuali condizioni di subordinazione della Certificazione CE</b>		Nessuna / None		<b>Condition of subordination of CE certification</b>			
<small>Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A. The present certificate is valid only for the product described above. Every change has to be approved by ICIM S.p.A.</small>							
<b>Data di emissione</b> Issue date	<b>Emissione corrente</b> Current issue	<b>Data di scadenza</b> Expiring date	<b>ICIM S.p.A.</b> Il Presidente Ing. Tullio Badino				
12/03/2010	12/03/2010	11/03/2020					

PROGET  
multipurpose

# EXUS<sup>®</sup>

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**PROGET**  
multipurpose



## PRESENTATION

### EXUS® panic bars

Ninz S.p.A. is a leader in fire doors, and has once again reasserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of EXUS® panic bars.

The EXUS® panic bars are CE marked and according to European standard EN 1125:2008, which entered in effect January 01, 2010, and which prescribes a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

### The KIT designed for your needs

When ordered separately from the door, the EXUS® series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate format for distribution.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts which are all CE certified.

### Finishing

Attention to detail and proportions are highlighted by select materials and finishing.

In addition to the **black PLASTIC** version combined with **anodized ALUMINUM** bars, new combinations include the all **satined STAINLESS STEEL** version and the **polished chromed ALUMINUM** version combined with the **anodized ALUMINUM** bar. Many other color and surface combinations are possible for equally aesthetic solutions. The particular aesthetics of soft forms is one of the exclusive advantages of **EXUS® panic bars**, representing the fruit of designs generated in collaboration with Studio MM Design, which has been working with the company for many years.

### Certifications and replacements

Given the importance of maintaining the entire system's CE conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining CE certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **EXUS® panic bars** include additional indications regarding proper installation and maintenance plus a exploded assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the new EXUS® panic bar, NINZ S.p.A. demonstrates its willingness to believe in market development by investing in designs and company image in order to endow its own products with added value while maintaining highly competitive quality-price ratios.



Black PLASTIC handle



ALUMINUM handle with STAINLESS STEEL lever handle and chromed ALUMINUM backplate



Satined STAINLESS STEEL handle

#### NOTE

By default external door furniture is provided with the same finishing as the panic bar.

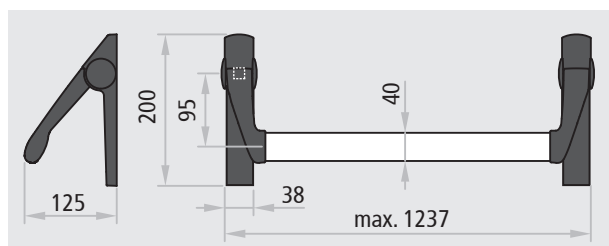
# EXUS® - Features, certifications

## Panic bar

**NINZ**  
FIREDOORS

### FEATURES

- Newly designed product with state of the art technological concept
- Available several in color and surface combinations: satinized stainless steel for the lever arms and the bar, or aluminum with polished chrome lever arms and anodized aluminum bar, and finally the classic ever-green combination - black plastic lever arms with anodized aluminum bar
- Certified for internal lock with 40 or 65 mm entrances for single leaves or active leaves, with 30 or 80 mm entrance for secondary leaves and with square spindle rotation of up to 45°
- Possibility of locking by key on the bar side as well
- Reversible for Right or Left mounting
- Protrusion 125 mm
- Proposed together with the door or separately in a complete KIT packaged in a black/yellow box
- Label applied to the packaging to identify the product's characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, lock with access control mechanisms, special coded or mastered cylinders



### CERTIFICATION

Suited for one-leaved doors or the active and secondary leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf

<b>CE</b>	
Denomination	EXUS PANIC BAR
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN) ITALY
Year application trademark	08
Nr. and year of the standard	EN 1125:2008
Certifying body	0425
CE certificate Nr.	1228-CPD-2007
Classification	<b>3 7 7 B 1 3 2 1 A A</b>

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 150 mm
- 9th Activation type with push bar
- 10th Suited for one- or two-leaved doors



EXUS® is a registered trademark owned by Ninz S.p.A.

Also suited for doors with fire ratings:

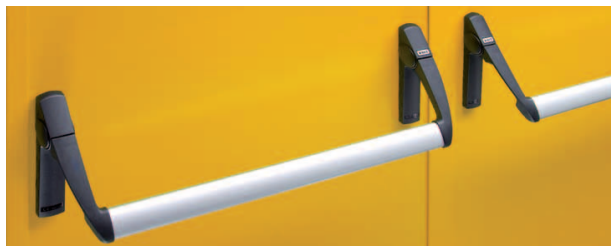
EI<sub>2</sub>120 REI 120 smoke resistant



ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425																																								
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE)																																										
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ATTESTATO N°	1228 - CPD - 2007	CERTIFICATE N°																																								
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Dati prodotto	<b>DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE</b> <b>PANIC EXIT DEVICES</b> <table border="1"> <thead> <tr> <th>Denominazione</th> <th>Dispositivo antipanico</th> <th>serie "TWIST" "EXUS LP" "EXUS LA" "EXUS LX"</th> <th>Denominazione</th> </tr> </thead> <tbody> <tr> <td>Serratura antipanico</td> <td>art. AP18/18, SGA 1 3201001.018/020, MAC 1 3201001.041/042, 4509002.17 (V), 3201001.018, 485-05-0</td> <td></td> <td></td> </tr> <tr> <td>Controesclusione antipanico</td> <td>art. AP020P, AP020U, 4509002.18 (V), 3201001.6, 43190.05</td> <td></td> <td></td> </tr> <tr> <td>Dispositivo superiore</td> <td>art. 3105080, 3105024, 4509003 (V), 3305003</td> <td></td> <td></td> </tr> <tr> <td>Riccontro asta</td> <td>art. 2401036, 2401040, 2401044, 4509009 (V), 2401002</td> <td></td> <td></td> </tr> <tr> <td>Boccola pavimento</td> <td>art. 2401001, 2401007, 3105091, 4509006 (V), 2401020, 4410008</td> <td></td> <td></td> </tr> <tr> <td>Deviatori</td> <td>art. 4201010</td> <td></td> <td></td> </tr> <tr> <td>Aste verticali</td> <td>art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990937</td> <td></td> <td></td> </tr> <tr> <td>Riccontro serratura</td> <td>art. 2401005, 2401005, 2401015, 2401014, 4509005 (V), 2401005, 2401005, 3412001</td> <td></td> <td></td> </tr> <tr> <td>Comandi esterni</td> <td>art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM allu, BSP inox, BSP allu</td> <td></td> <td></td> </tr> </tbody> </table>		Denominazione	Dispositivo antipanico	serie "TWIST" "EXUS LP" "EXUS LA" "EXUS LX"	Denominazione	Serratura antipanico	art. AP18/18, SGA 1 3201001.018/020, MAC 1 3201001.041/042, 4509002.17 (V), 3201001.018, 485-05-0			Controesclusione antipanico	art. AP020P, AP020U, 4509002.18 (V), 3201001.6, 43190.05			Dispositivo superiore	art. 3105080, 3105024, 4509003 (V), 3305003			Riccontro asta	art. 2401036, 2401040, 2401044, 4509009 (V), 2401002			Boccola pavimento	art. 2401001, 2401007, 3105091, 4509006 (V), 2401020, 4410008			Deviatori	art. 4201010			Aste verticali	art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990937			Riccontro serratura	art. 2401005, 2401005, 2401015, 2401014, 4509005 (V), 2401005, 2401005, 3412001			Comandi esterni	art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM allu, BSP inox, BSP allu		
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Norma di riferimento	EN1125:2008	Standard																																								
Classificazione	3 7 7 B 1 3 2 1 A A	Classification																																								
Eventuali estensioni	Nessuna / None	Extensions																																								
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification																																								
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Data di emissione First issue	18/04/2007	Emissione corrente Current issue																																								
		Data di scadenza Expiring date																																								
		17/04/2017																																								
		ICIM S.p.A. Il Presidente Ing. Tullio Badino																																								



## EXUS® LP IN BLACK PLASTIC

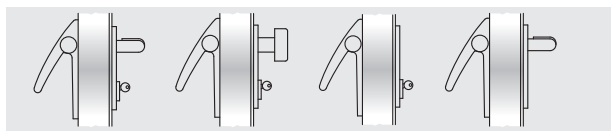


### Description

The EXUS LP panic exit device consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- Two black plastic lever arms with galvanized steel core
- The two command mechanisms are made of galvanized steel with black plastic cover plates, one of which has an EXIT label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- External door furniture and the backplate are made of black plastic, while the internal installation plate is made of galvanized steel
- DC version with double cylinder to pass

## VERSIONS AVAILABLE

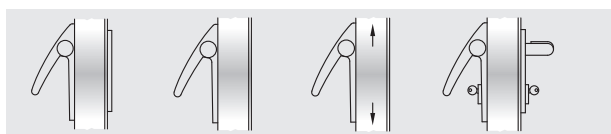


BM

BSP

BS

BMC



BC

B

A

DC BM



DC BSP

DC BS

DC ELM

ELM

## VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP door furnitures in satinized stainless steel
- External BM and BSP door furnitures painted in RAL colors
- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## EXUS LP (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):*

*Included (in the package):* Nr. 2 door command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC, B (for Proget doors only), DC BM, DC BSP, DC BS, DC ELM, ELM.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

## EXUS LP KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC, DC BM, DC BSP, DC BS

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

## EXUS® LA IN ALUMINUM

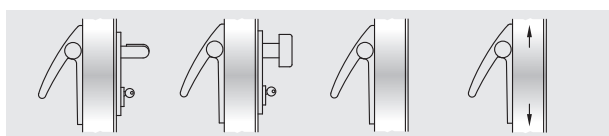


### Description

The EXUS LA panic bar consists of an anodized aluminum horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- The two lever arms are made of an aluminum alloy with a polished chrome finish
- The two command mechanisms are made of galvanized steel with aluminum alloy cover plates with a polished chrome finish, one of which has an EXIT label to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furniture consist of the AISI 304 stainless steel handle or knob and the aluminum alloy backplate with polished chrome finish
- The arms, backplates and handle caps are finished with tri-valent chrome in compliance with the ROSH regulation
- DC version with double cylinder to pass

## VERSIONS AVAILABLE

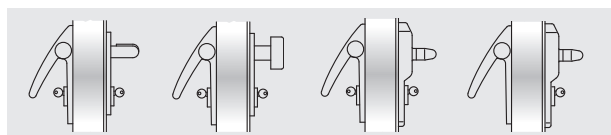


BM

BSP

B

A



DC BM

DC BSP

DC ELM

ELM

## VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## EXUS LA (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 stainless steel/aluminum door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of instructions for installation/maintenance.

*Versions available:* BM, BSP, B (for Proget doors only), DC BM, DC BSP, DC ELM, ELM.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

## EXUS LA KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, DC BM, DC BSP

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum carter covers, Nr. 2 polished chrome aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 chromed aluminum carter covers, Nr. 2 chromed aluminum lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A



## EXUS® LX IN STAINLESS STEEL

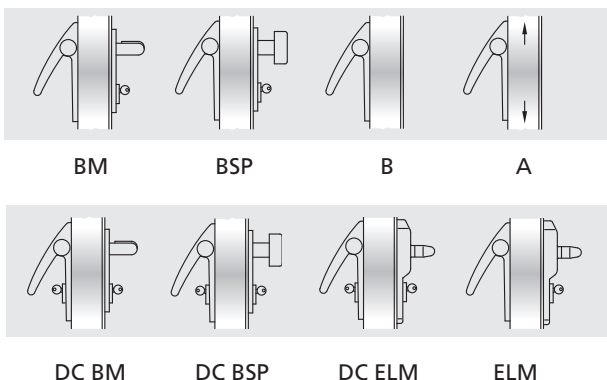


### Description

The entire EXUS LX panic bar is made of stainless steel, and consists of a horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- Maximum corrosion resistance and noteworthy robustness of the entire set
- Optimal aesthetic appearance
- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of AISI 304 satinized stainless steel with an elliptical cross-section measuring 40 x 20 mm, length of 1150 mm
- The two lever arms are made of AISI 304 satinized stainless steel
- The two command mechanisms are made of AISI 304 stainless steel
- The two backplates and the cover caps are made of AISI 304 satinized stainless steel, and one is labeled with EXIT to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furnitures and related backplate are made of AISI 304 satinized stainless steel, while the internal installation plate is made of galvanized steel
- DC version with double cylinder to pass

## VERSIONS AVAILABLE



## VARIATIONS ON REQUEST (see dedicated page)

- MAC1 panic lock with access control system, combinable with the BM and DC BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## EXUS LX (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 stainless steel door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, B (for Proget doors only), DC BM, DC BSP, DC ELM, ELM.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

## EXUS LX KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 reversible anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 stainless steel external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 double cylinder with 3 keys (DC version only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, DC BM, DC BSP

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

specify door type on the order form

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 stainless steel command mechanisms, Nr. 2 stainless steel carter covers, Nr. 2 stainless steel lever arms, Nr. 1 stainless steel bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

# Twist

**PROGET**  
multipurpose



### PRESENTATION

#### TWIST panic bars

TWIST panic bars are **CE** marked in accordance with European standard EN 1125:2008, which entered in effect January 01, 2010, and which prescribes a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

#### The KIT designed for your needs

When ordered separately from the door, the **TWIST** series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate format for distribution.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts that are all **CE** certified.

#### Finishing

The **TWIST** panic exit device series is proposed in a **black PLASTIC** version combined with an **anodized ALUMINUM** bar. On request, the bar and the door furniture may be painted in RAL colors, opening up an infinite variety of aesthetic solutions.

#### Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **TWIST** panic bars include additional indications regarding proper installation and maintenance plus an explosion assembly drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the new packaging of the TWIST panic exit device, NINZ S.p.A. demonstrates its intent to believe in market development by investing in designs and company image in order to endow its own products with added value while maintaining highly competitive quality-price ratios.



Black PLASTIC handle

#### NOTE

The TWIST exit device series is combined with a black PLASTIC handle.

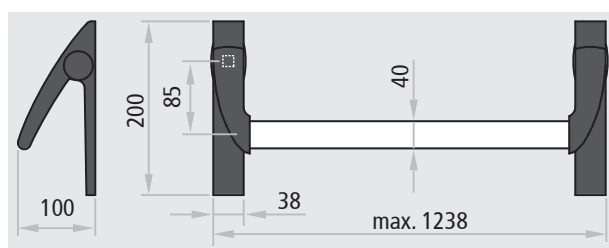
# TWIST - Features, certifications

Panic bar

**NINZ**  
FIREDOORS

## FEATURES

- The classic line of panic bars, an ever-green, available in the standard combination with black plastic arms/caps and anodized aluminum bar
- Certified for internal locks with a 65 mm entrance for single leaves or active leaves, and with an 80 mm entrance for secondary leaves
- Reversible for mounting on Right or Left doors
- Protrusion 100 mm
- Proposed together with the door or separately in a complete KIT packaged in a single black/green box
- Packaging is labeled to identify product characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, locks with access control systems, special coded or mastered cylinders



Also suited for doors with fire ratings:

EI<sub>120</sub> REI 120 smoke resistant



## CERTIFICATION

Suited for one-leaved doors or the active and secondary leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf

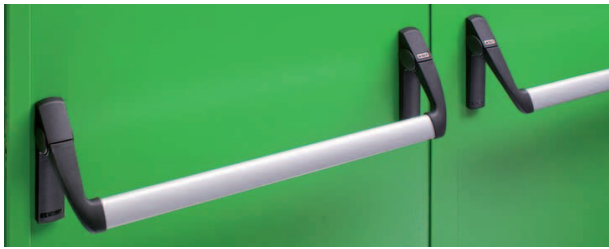
CE	
Denomination	TWIST PANIC BAR
Manufacturer	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
Year application trademark	08
Nr. and year of the standard	EN 1125:2008
Certifying body	0425
CE certificate Nr.	1228-CPD-2007
Classification	3 7 7 B 1 3 2 1 A A

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 150 mm
- 9th Activation type with push bar
- 10th Suitable for one- or two-leaved doors

ATTESTATO DI CONFORMITÀ DIRETTIVA 89/106/CEE CERTIFICATE OF CONFORMITY DIRECTIVE 89/106/CEE		CE 0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate has been issued in conformity to what prescribed by the Art.6 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE).		
ATTESTATO N°	1228 - CPD - 2007	CERTIFICATE N°
Organismo notificato	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY	Notified Body
Dati Fabbricante	NINZ S.p.A. Corso Trento, 2/A - 38061 ALA (TN) ITALY	Manufacturer
Sede legale		Head office
Unità operativa		Operative unit
Dati prodotto	<p>Tipologia: DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE</p> <p>Denominazione: Dispositivo antipatico serie "TWIST" "EXUS LP" "EXUS LX".</p> <p>Serrature antipatico: art. AP1018, SCA 1 3201001.018020, MAC 1 3201001.041042, 4509002.17 (V), 3201001.018 44545-9.</p> <p>Controserrature antipatico: art. AP028P, AP028L, 4509002.18 (V), 3201001.6, 43190.95.</p> <p>Dispositivo superiore: art. 3105080, 5136024, 4509003 (V), 3305003.</p> <p>Riccontro asta: art. 2401008, 2401048, 2401044, 4509009 (V), 2401002.</p> <p>Boccola pavimento: art. 2401001, 2401007, 3105091, 4509006 (V), 2401020, 4415008.</p> <p>Deviatori: art. 4201010.</p> <p>Aste verticali: art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990937.</p> <p>Riccontro serratura: art. 2401008, 2401005, 2401015, 2401014, 4509008 (V), 2401006, 2401035, 3412001.</p> <p>Comandi esterni: art. BM, BSP, BSP, BMC, BC, B, A, BM inox, BM allu, BSP inox, BSP allu.</p>	Product
Sistema di attestazione della conformità	1	Attestation of conformity
Norma di riferimento	EN1125:2008	Standard
Classificazione	3   7   7   B   1   3   2   1   A   A	Classification
Eventuali estensioni	Nessuna / None	Extensions
Eventuali condizioni di subordinazione della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA. The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.		
Data di emissione First issue	Emissione corrente Current issue	Data di scadenza Expiring date
18/04/2007	04/08/2010	17/04/2017
<p>ICIM S.p.A. Il Presidente Ing. Tullio Badino</p>		



## TWIST IN BLACK PLASTIC

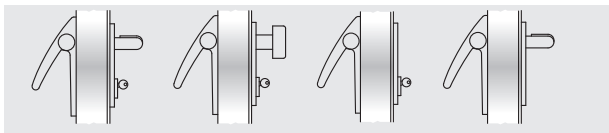


### Description

The TWIST plastic panic bar consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms used to activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm
- Two black plastic lever arms with galvanized steel core
- The two command mechanisms are made of galvanized steel with black plastic backplates, one of which has an EXIT label that identifies the lock side
- The lock is anti-panic/fire resistance for Euro profile cylinders
- Door furnitures and the backplate are made of black plastic, while the installation plate is made of galvanized steel

## VERSIONS AVAILABLE



BM

BSP

BS

BMC



BC

B

A

ELM

## VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP commands in satinized stainless steel
- External BM and BSP commands painted in RAL colors
- MAC1 panic lock with access control mode, combinable with the BM version
- Mastered or encrypted cylinders
- Microswitch and cable sleeve for signaling when the door is open

## TWIST (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 floor-mounted door catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

## TWIST KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

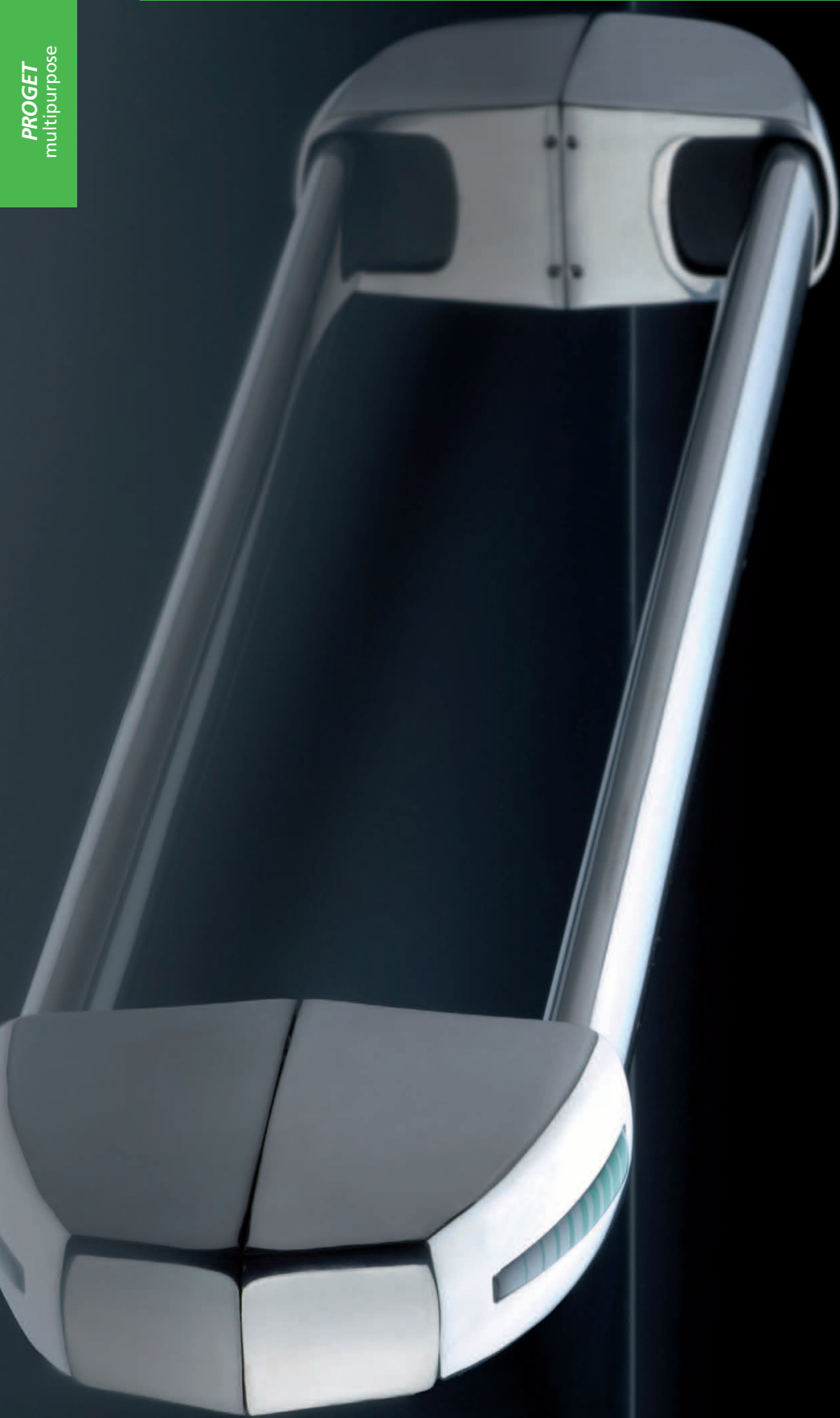
#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black plastic lever arms, Nr. 1 anodized aluminum bar, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A

**SLASH**

**PROGET**  
multipurpose





### PRESENTATION

#### SLASH panic bars

Ninz S.p.A. is a leader in fire doors, and has once again reasserted itself as a visionary company with a strong identity created by its continuous research into the design and technology of its own products, such as the new line of SLASH panic bars.

All SLASH handles are **CE** marked and pre-certified according to European standard EN 1125:2008, which entered in effect January 01, 2010, to prescribe a series of substantial changes that further extend the requirements for maximum safety and ease of opening.

#### The KIT designed for your needs

When ordered separately from the door, the **SLASH** series of panic bars is provided in elegant and functional KITS packaged for presentation in the most appropriate distribution format.

Packaging in KITS ensures customers, installers and therefore the final users that they are receiving a complete anti-panic system with fully corresponding parts that are all **CE** certified.

#### Finishing

In addition to the **black PLASTIC** version combined with **anodized ALUMINUM** bars, new combinations include the **satinized STAINLESS STEEL** version and the **polished chromed ALUMINUM** version combined with the **anodized ALUMINUM** bar. Many other color and surface combinations are possible for equally aesthetic solutions.

#### Certifications and replacements

Given the importance of maintaining the entire system's **CE** conformity, special attention has been paid to replacement parts, which have been subjected to testing in accordance with the EN 1125:2008 standard due to their pivotal role in maintaining **CE** certification.

The only way to ensure that the products maintain their original characteristics over time is by using **original NINZ replacement parts**.

For this reason, the instructions for **SLASH** panic bars include additional indications regarding proper installation and maintenance plus a blow-up drawing that specifies every smallest detail of the certified system with all of the references required for ordering replacement parts.

With the expansion of the line and the new packaging of the SLASH panic bar, NINZ S.p.A. demonstrates its faith in market development by investing in designs and company image in order to endow its fire doors and the series of accessories with added value while continuing to maintain highly competitive quality-price ratios.



Black PLASTIC handle



ALUMINUM handle with STAINLESS STEEL lever handle and chromed ALUMINUM plate



Satinized STAINLESS STEEL handle

#### NOTE

The external door furnitures for this series are provided with the same finishing as the panic bar.

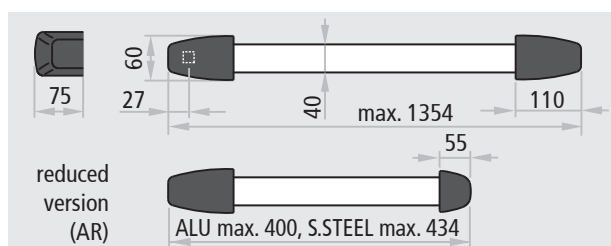
# SLASH - Features, certifications

Panic bar

**NINZ**  
FIREDOORS

## FEATURES

- Panic bar that stands out from the others due to its particular design and the rounded shapes of the carters. This characteristic not only improves aesthetic appeal, but it also eliminates any risk of injury during use
- Available in different color and surface combinations, in satinized stainless steel for the cover carters and the bar, or with polished chromed aluminum carters and anodized aluminum bar, and then there is always the classic combination that is still in fashion - black plastic carters with anodized aluminum bar
- Certified for internal locks with a 65 mm entrance for single leaves or active leaves, and with an 80 mm entrance for passive leaves
- Reversible for Right or Left mounting
- Protrusion 75 mm
- Proposed together with the door or separately in a complete KIT packaged in a single black/orange box
- Label applied to the packaging to identify the product's characteristics
- Wide range of customizations: colored bar, colored or stainless steel handles, lock with access control mechanisms, special encrypted or mastered cylinders



## CERTIFICATION

Suited for one-leaved doors or the active and passive leaves of two-leaved doors with dimensions up to 1350 x 2880 mm/leaf, masses of 300 kg/leaf. CE

<b>CE</b>	
<b>Denomination</b>	SLASH PANIC BAR
<b>Manufacturer</b>	Ninz S.p.A. Corso Trento, 2/A I-38061 ALA (TN)/ITALY
<b>Year application trademark</b>	08
<b>Nr. and year of the standard</b>	EN 1125:2008
<b>Certifying body</b>	0425
<b>CE certificate Nr.</b>	1308-CPD-2007
<b>Classification</b>	<b>3 7 7 B 1 3 2 2 B A</b>

- 1st Category of use very frequent
- 2nd Durability 200.000 cycles
- 3rd Door mass over 200 kg
- 4th Suitable for fire/smoke rated doors
- 5th Safety, suitable for evacuation routes
- 6th High corrosion resistance 96 h
- 7th Material safety 1000 N
- 8th Bar protrusion up to 100 mm
- 9th Activation type with touch bar
- 10th Suitable for one- or two-leaved doors



Also suited for doors with classifications up to:

EI<sub>120</sub>
 REI 120
 smoke resistant



<b>ATTESTATO DI CONFORMITÀ</b> DIRETTIVA 89/106/CEE <b>CERTIFICATE OF CONFORMITY</b> DIRECTIVE 89/106/CEE		0425
Questo certificato è rilasciato in conformità a quanto prescritto dall'Art.6 par.2 lettera b) del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE) ed attesta la conformità del prodotto di seguito identificato agli Art.1, Art.2 ed allegato A del DPR 21 aprile 1993, n°246 (Direttiva 89/106/CEE). This certificate has been issued in conformity to what prescribed by the Art.6 par.2 letter b) of the DPR 21/04/1993, n°246 (Directive 89/106/CEE) and certifies the conformity of the product described below to the Art.1, Art.2 and attachment A of DPR 21/04/1993, n°246 (Directive 89/106/CEE)		
<b>ATTESTATO N°</b>	<b>1308 - CPD - 2007</b>	<b>CERTIFICATE N°</b>
<b>Organismo notificato</b>	ICIM S.p.A. - Piazza Don Mapelli, 75 - 20099 Sesto San Giovanni (MI) ITALY	<b>Notified Body</b>
<b>Dati Fabbricante</b>	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	<b>Manufacturer</b>
<b>Sede legale</b>		<b>Head office</b>
<b>Unità operativa</b>		<b>Operative unit</b>
<b>Dati prodotto</b>	<b>Product</b>	
Tipologia: DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES Denominazione: Dispositivo antipatico Modelli "SLASH", "SLASH AR", "SLASH ALU", "SLASH ALU AR", "SLASH INOX", "SLASH INOX AR" Sembratura antipatico art. AF15/18, SCA 1 3201001.015/020, MAC 1 3201001.041/042, 3201001.018, 485-05-0 Controscalfatura antipatico art. AF020P, AF020U, 3201001.0, 43190-95 Dispositivo superiore art. 3105080, 3105024, 3305003 Riscontro asta art. 3401038, 2401046, 2401044, 2401002 Boccola pavimento art. 3401001, 2401007, 3105091, 2401003, 4419008 Deviatori art. 4201010 Aste verticali art. 3305015, 3305016, 3305002, 3305013, 960837 Riscontro serratura art. 2401003, 2401005, 2401015, 2401014, 2401003, 2401005, 3412001 Comandi esterni art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu	Denominazione:	
Sistema di attestazione della conformità: 1 Attestation of conformity		
Norma di riferimento: EN1125:2008 Standard		
Classificazione: 3 7 7 B 1 3 2 2 B A Classification		
<b>Eventuali estensioni</b>	Nessuna / None	<b>Extensions</b>
<b>Eventuali condizioni di subordinazione della Certificazione CE</b>	Nessuna / None	<b>Possible conditions of subordination of the CE Certification</b>
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM S.p.A. The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.		
<b>Data di emissione</b> First issue	<b>Emissione corrente</b> Current issue	<b>Data di scadenza</b> Expiring date
31/05/2007	04/08/2010	30/05/2017
ICIM S.p.A. Il Presidente Ing. Tullio Badino		

## SLASH IN BLACK PLASTIC

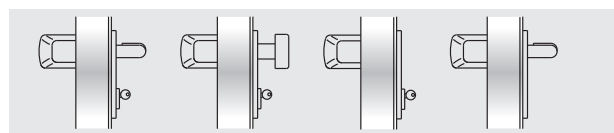


### Description

The SLASH panic bar consists of an anodized aluminum horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with black plastic carter covers, one of which has a green label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The door furnitures and the backplate are made of black plastic, while the internal installation plate is made of galvanized steel

## VERSIONS AVAILABLE

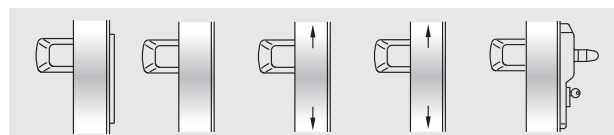


BM

BSP

BS

BMC



BC

B

A

AR

ELM

## VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- External BM and BSP commands in satinized stainless steel
- External BM and BSP commands painted in RAL colors
- MAC1 panic lock with access control mode, combinable with BM versions
- Mastered or encoded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## SLASH (SUPPLIED WITH THE DOOR)

**For single leaves or the active leaf (main leaf) of two-leaved doors:**  
*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in RAL 9006 colored plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 black plastic external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

## SLASH KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in RAL 9006 colored plastic with internal installation plate, Nr. 1 black plastic door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, BS, BMC, BC

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTI-PURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

## SLASH IN ALUMINUM

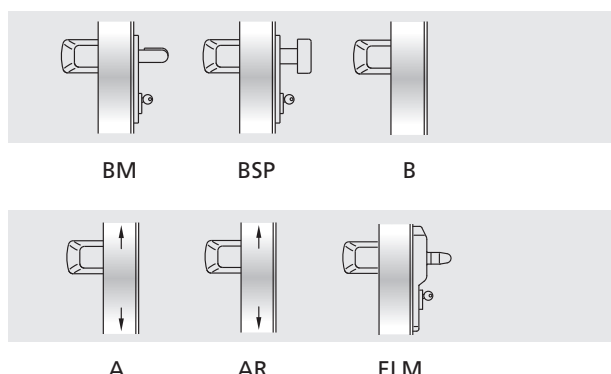


### Description

The SLASH ALU panic bar consists of an anodized aluminum horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of extruded anodized aluminum with an elliptical cross-section measuring 40 x 20 mm and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with aluminum alloy cover plates with polished chrome finishing, one of which has a green label to identify the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The external door furniture consist of the AISI 304 stainless steel handle or knob and aluminum alloy plate with polished chrome finish
- The carters and handle plate are finished with tri-valent chrome in compliance with the ROSH regulation

## VERSIONS AVAILABLE



## VARIATIONS ON REQUEST (see dedicated page)

- Aluminum bar painted in RAL colors
- MAC1 panic lock with access control system, combinable with BM versions
- Mastered or encoded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## SLASH ALU (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, B (for Proget doors only), ELM/mt and ELM/cisa. ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

## SLASH ALU KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike box insert, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate, Nr. 1 stainless steel/aluminum external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

specify door type on the order form

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 polished chrome aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 chromed aluminum cover plates, Nr. 1 anodized aluminum bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm



## SLASH IN STAINLESS STEEL

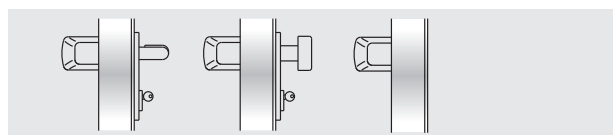


### Description

The SLASH STAINLESS STEEL panic bar consists of a stainless steel horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Optimal corrosion and shock resistance
- State of the art aesthetics
- Secure attachment of carter
- Reversible for right or left opening
- For application to single leaf and two-leaved doors
- Suited for Rever/Univer/Proget doors and other types of panic exit doors
- The horizontal bar is made of AISI 304 satinized stainless steel with a 40 x 20 mm elliptical cross-section and a length of 1150 mm, equipped with a connection tube
- The two command mechanisms are made of galvanized steel with AISI 304 stainless steel cover plates, one of which has a green label that identifies the lock side
- The lock is anti-panic/fire rated for Euro profile cylinders
- The external door furniture and related backplate are made of AISI 304 satinized stainless steel, while the internal installation plate is made of galvanized steel

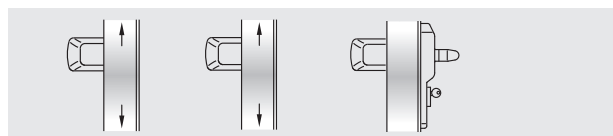
## VERSIONS AVAILABLE



BM

BSP

B



A

AR

ELM

## VARIATIONS ON REQUEST (see dedicated page)

- MAC1 panic lock with access control system, combinable with BM versions
- Mastered or coded cylinders
- Microswitch and cable sleeve for signaling when the door is open

## SLASH STAINLESS STEEL (SUPPLIED WITH THE DOOR)

### For single leaves or the active leaf (main leaf) of two-leaved doors:

*Included (mounted on the door):* the anti-panic lock with 65 mm entrance and the backplate insert

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 backplate in black-colored plastic with internal installation plate (for REVER and UNIVER doors), Nr. 1 stainless steel external door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP, B (for Proget doors only), ELM/mt and ELM/cisa.

ELM electric handle: see the dedicated pages

### For the secondary leaf of two-leaved doors:

*Included (mounted on the door):* anti-panic safety lock with 80 mm entrance, the upper re-latch device, the upper strike plate and the vertical rods

*Included (in the package):* Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (for fire doors only), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for secondary leaves with FM L2 width ≤ 500mm

## SLASH STAINLESS STEEL KIT

### (SUPPLIED SEPARATELY FROM THE DOOR)

#### KIT for single leaf or the active leaf of two-leaved doors:

Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order

*KIT contents:* Nr. 1 reversible anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 backplate in black plastic with internal installation plate, Nr. 1 stainless steel door furniture, Nr. 1 half-cylinder with 3 keys, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* BM, BSP

#### KIT for the passive leaf of two-leaved doors, suited for REVER, UNIVER and PROGET fire and multipurpose doors (produced after 01.01.2005):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm (excluding REVER and UNIVER MULTIPURPOSE), Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

#### KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):

*KIT contents:* Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless steel bar with connection tube and spacer, Nr. 1 upper re-latch device, Nr. 1 upper strike plate, vertical rods, Nr. 1 floor-mounted floor catch, Nr. 1 carrier arm, Nr. 1 drilling template, Nr. 1 adhesive pictogram (green arrow), Nr. 1 set of installation/maintenance instructions

*Versions available:* A, AR (reduced) for use with passive leaves with FM L2 width ≤ 500mm

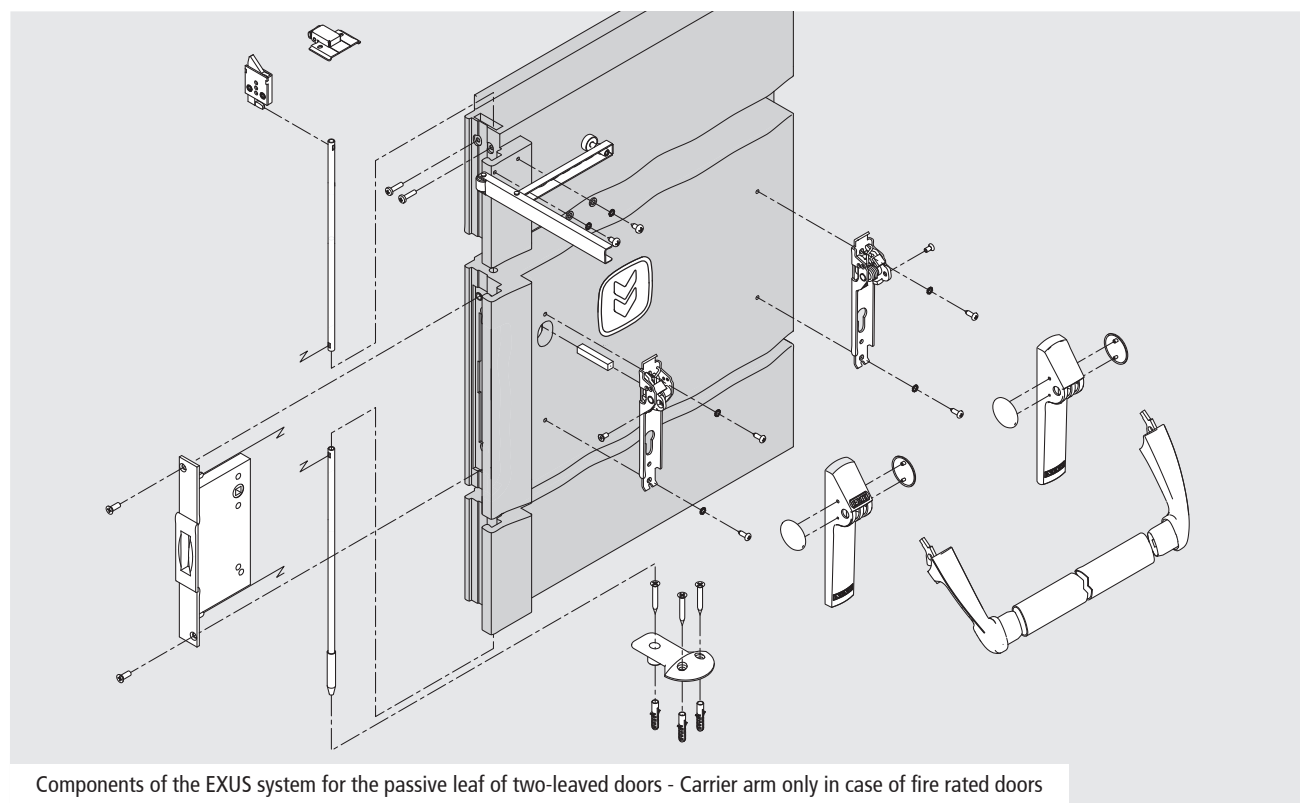
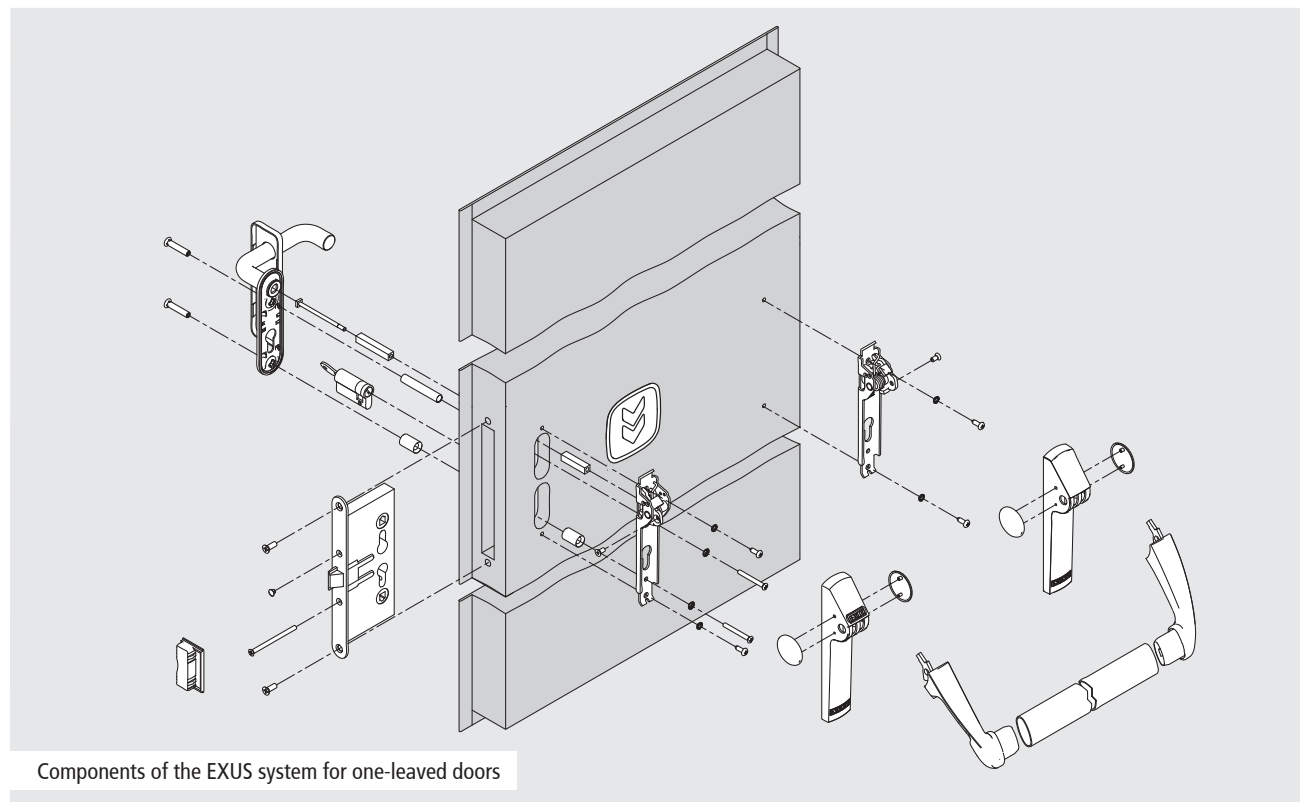
# General information

## Panic bars - System components

### COMPONENTS OF THE CERTIFIED SYSTEM

All NINZ panic bars are supplied in complete KITS to ensure conformity with EN 1125:2008 standards and **CE** certification of the product. When supplied together with the door, several of these components are already mounted

on the leaf and/or doorframe. The purpose of the following examples is to help clarify what panic bars must include to comply with certified samples.





# Variations on request

For panic bars

**NINZ**  
FIREDOORS

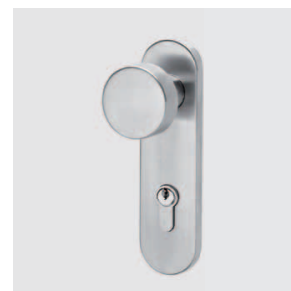
PROGET  
multipurpose

## STAINLESS STEEL EXTERNAL DOOR FURNITURE

For all black plastic exit devices (except for those designed for glazed doors), satinized stainless steel external BM and BSP commands are available on request.



BM stainless steel



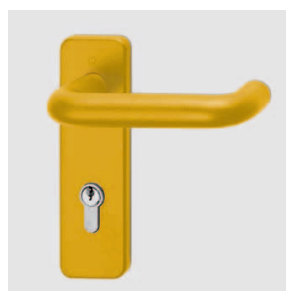
BSP stainless steel

## COLORED PLASTIC EXTERNAL DOOR FURNITURE

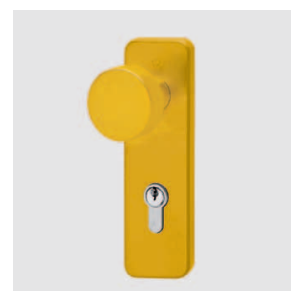
For all black plastic exit devices (except for those designed for glazed doors), painted plastic external BM and BSP commands are available on request.

Colors available:

RAL	RAL	RAL	RAL	RAL	
1023	7016	7035	9006*	9010	
					*light aluminum



BM colored RAL1023



BSP colored RAL1023

## PAINTED HORIZONTAL BAR

For all exit devices (except for those with a stainless steel bar), the aluminum horizontal bar may be painted in the RAL color of your choice.



## VERSION „E“ WITH MICROSWITCH

All exit devices may be equipped with a microswitch incorporated in the hinge side mechanism for signaling when the door is open. The cable and cable sleeve for the electrical connection between the exit device and the wall are included.



## “MAC1®” ACCESS CONTROL SYSTEM

For all exit devices with type BM external door furniture (except for those designed for glazed doors), the panic lock is also available with the access control function. Delivery together with the door includes the following: the MAC 1 lock, external command with LED, internal cabling of the leaf and the electric contacts between the door leaf and door frame. In case of delivery as a Kit with panic bar instead of the internal cabling and the electric contacts a power supply cable and a flexible cable sleeve will be supplied.

MAC1:

- powered at 12-24 V AC/DC
- 250 mA absorption with startup at 500 mA at 12V or max. 1A at 24V
- timer incorporated, time set at 30 seconds
- possibility for continuous handle activation (open setting)



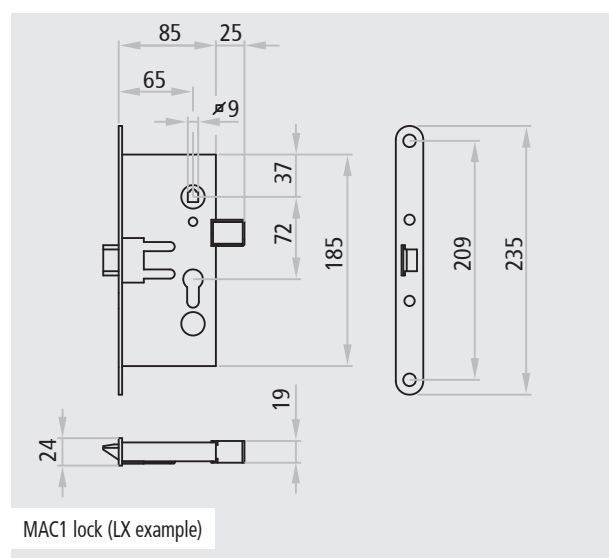
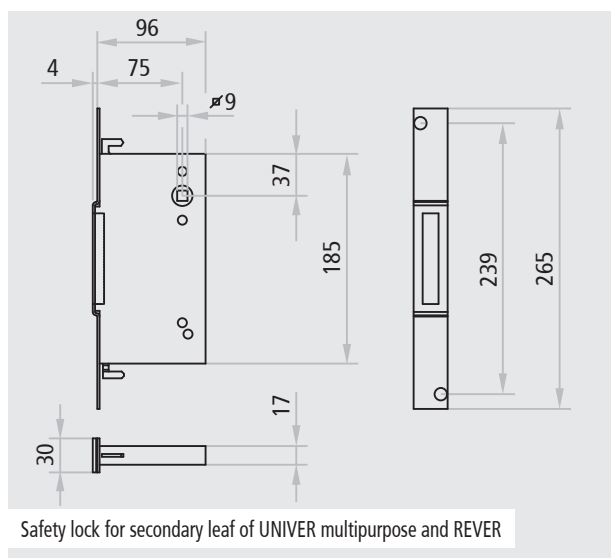
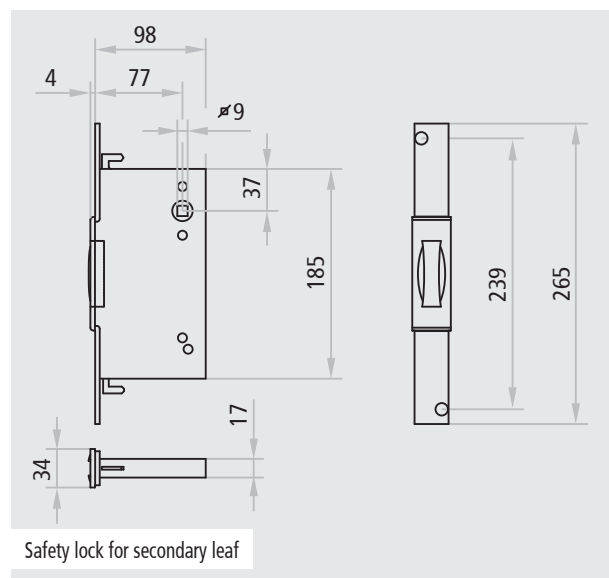
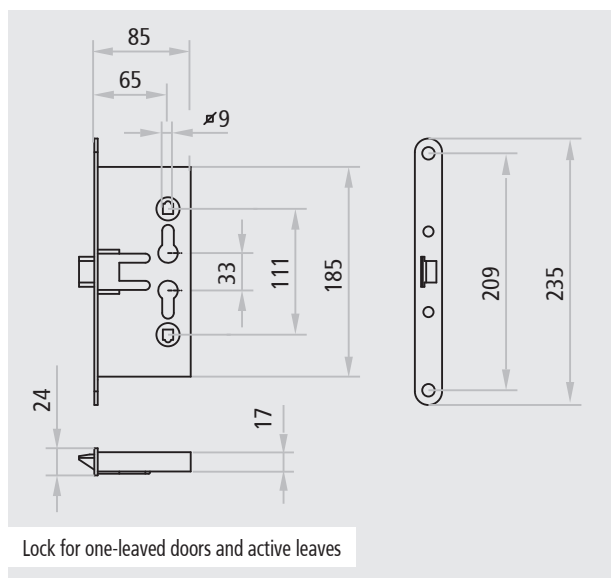
Handle for MAC1 lock with LEDs

For sizes, information and technical data consult the dedicated pages

# Dimensional drawings

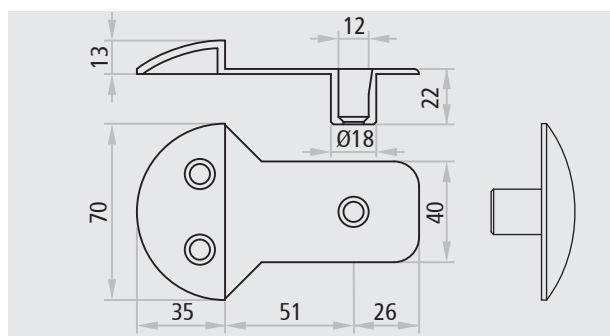
For panic exit device components

Article Nr.	Description
3201001.016	Lock for one-leaved doors and active leaves (AP 16/18)
3201001.024	Safety lock for secondary leaves (AP 020 P)
3201001.008	Safety lock for secondary leaves of UNIVER multipurpose and REVER (AP 020 U)
3201001.041	MAC1 Left lock
3201001.042	MAC1 Right lock
2401001.001	Lower floor catch for secondary leaf of PROGET and other multipurpose doors
3105019.001	Lower floor catch for secondary leaf of UNIVER
3105020.001	Lower floor catch for secondary leaf of REVER
2401006.001	Strike plate insert for one-leaved PROGET and other multipurpose doors
3105080.001	Upper re-latch device for secondary leaf of PROGET and other multipurpose doors
3105024.001	Upper re-latch device for secondary leaf of UNIVER and REVER
2401046.001	Upper strike box for passive leaf of PROGET and other multipurpose doors
3305001.001	Carrier arm for passive leaf

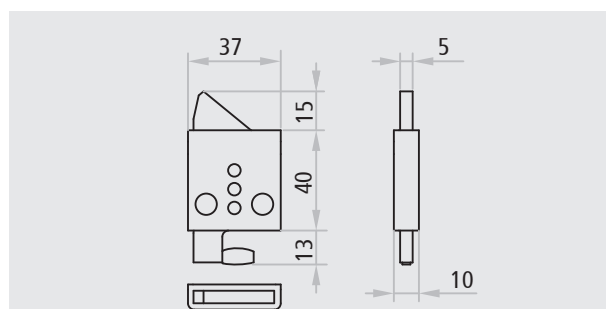


# Dimensional drawings

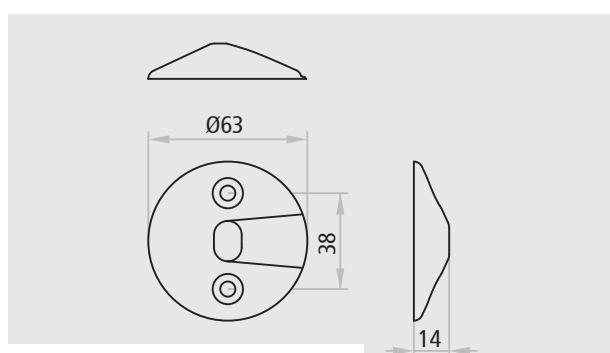
For panic exit device components



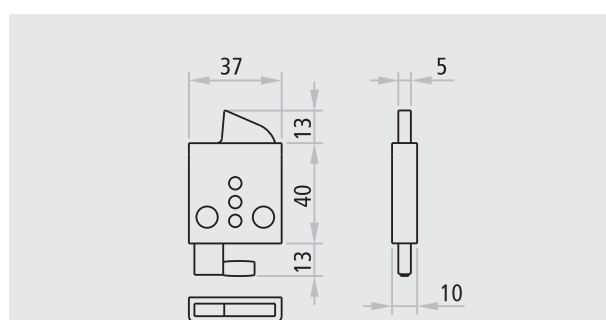
Lower floor catch for passive leaf of PROGET and other multipurpose doors



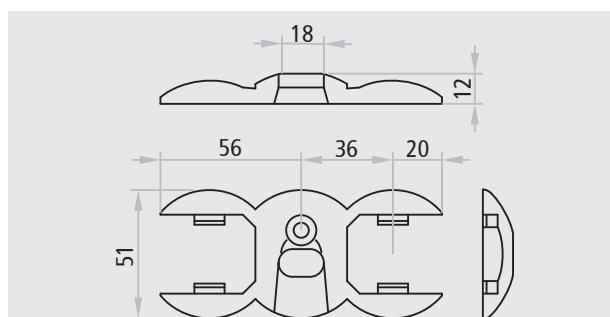
Upper re-latch device for secondary leaf of PROGET and other multipurpose doors



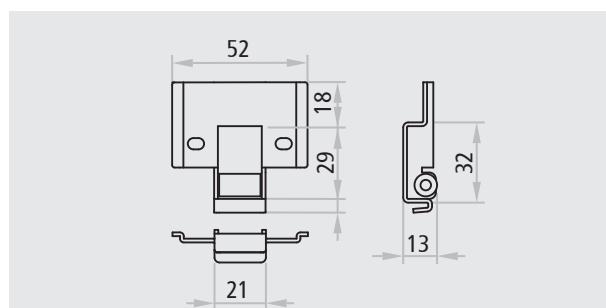
Lower floor catch for passive leaf of UNIVER



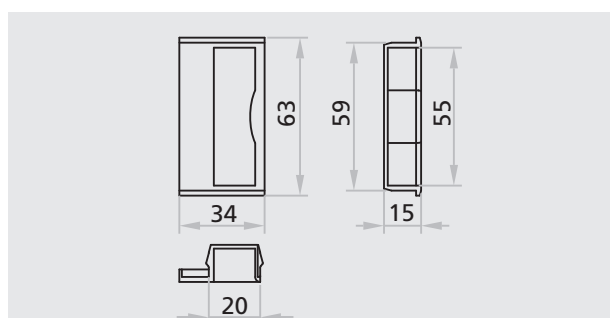
Upper re-latch device for secondary leaf of UNIVER and REVER



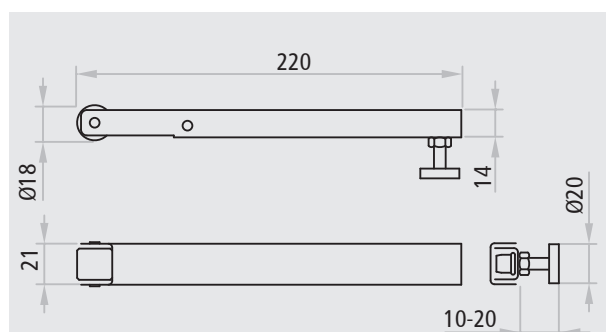
Lower floor catch for passive leaf of REVER



Upper strike box for secondary leaf of PROGET and other multipurpose doors



Strike plate insert for one-leaved doors of PROGET and other multipurpose doors



Carrier arm for secondary leaf

### NOTICES

For panic exit devices, the human safety features are of fundamental importance in terms of their conformity with EN 1125:2008, which permits no modifications of any kind except for those described in the manufacturer's installation instructions.

All of NINZ's installation instructions for panic exit devices include a list of elements that have been tested and approved for use with panic exit devices and that can be packaged separately.

No modifications to the certified system are permitted, and every component must remain unchanged.

No uncertified components are applicable, and therefore the package contains certified components only.

Panic exit device components that are produced in conformity with European standards will provide a high level of human safety and an appropriate level of safety for material goods, as long as the doors and frames they are mounted on are in good condition.

All components supplied and mentioned must be positioned and installed according to the installation instructions by qualified personnel.

After installation is complete, a dynamometer is used to measure the force required to release the lock by pressing on the horizontal bar and the measured forces are recorded in the maintenance register.

The instructions must be kept on file by the owner of the activity.





Ninz S.p.A. | Corso Trento 2/A | I-38061 Ala (TN)  
Tel. +39 0464 678 300 | Fax +39 0464 679 025  
[info@ninz.it](mailto:info@ninz.it) | [www.ninz.it](http://www.ninz.it)