NINZ®
FIREDOORS

PROGET Fire doors

Features
PROGET Fire doors

THE FIRE DOOR IN A CLASS OF ITS OWN

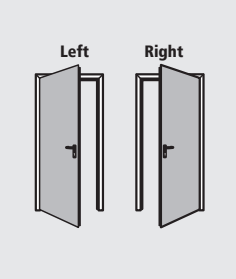
"Indisputable quality"
- Especially sturdy door for safe functioning over time
- Ideal for application to uneven or weak walls
- Fully isolated frame for true "dry wall installation"
- Built to order for all kinds of requests
- Fully galvanized door, including the "hidden" parts
- Made of hot-galvanized sheet metal, "Sendzimir" processed
- 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

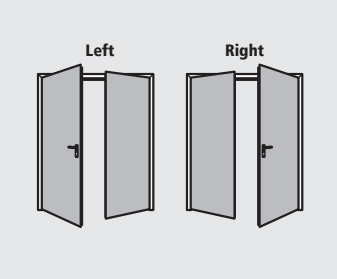
- **"Practicality of use"**
- Truly sturdy frame that facilitates anchoring to the wall
- Suitable for all wall types
- Different installation methods to choose from
- Significantly reduced installation times
- Type approvals for multiple installations to different wall types
- Ample size range
- Wide variety of accessories

"Conformity to standards"
- In-house Ninz R&D with specialized testing equipment
- Fire testing in accordance with UNI 9723 and EN 1634-1
- Mechanical testing for the CE marking of accessories
- CE marked door accessories studied and sized to meet standard European requirements
- Careful selection of materials and manufacturing methods
- Strict product testing for conformity to declared technical standards
- Absolute functional certainty over time
- Doors "type approved" in compliance with M.D. 21 June 2004
- Products delivered with the documentation required by current regulations

"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



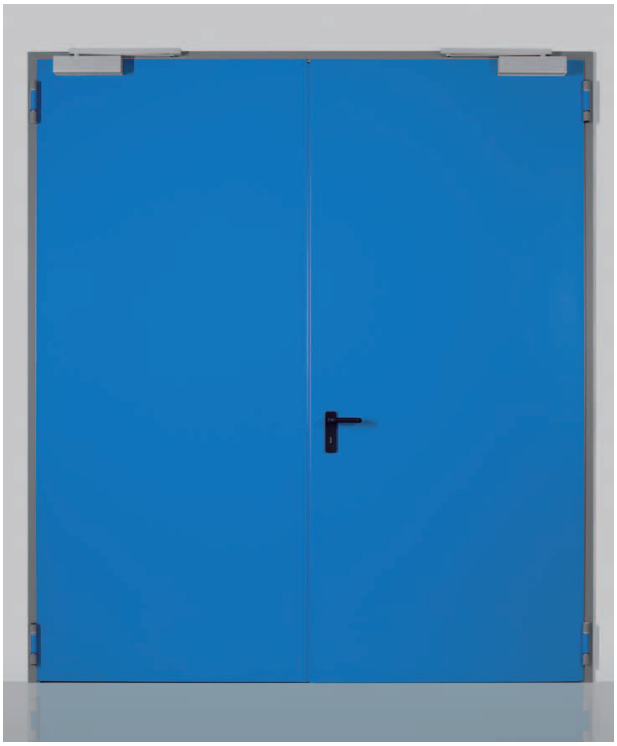


One-leaved doors available in the following classes:

EI$_2$60 EI$_2$120 REI 120

Two-leaved doors available in the following classes:

EI$_2$60 EI$_2$90 REI 120



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

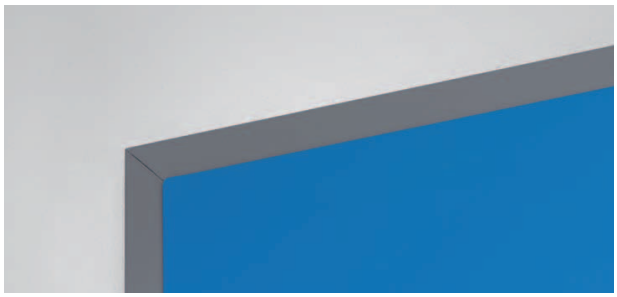
STANDARD ELEMENTS

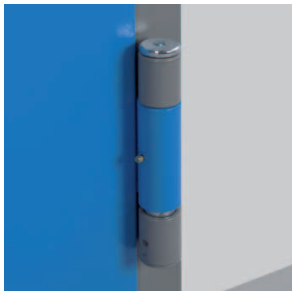
which comprise Proget fire doors:

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 thermo expansive sealing and rebate sealing
- Standard installation via anchors for mortar fixing
- Upon request installation via expansion screws or screws onto the subframe
- 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

Thermo expansive sealing
- Mounted on vertical doorframe profiles and central vertical profiles (for two-leaved doors)
- Mounted above and below the leaves depending on the certification





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 or 2 safety bolts applied on hinge side leaf edge

Locking mechanism
- Reversible locking mechanism with bolt and central latch for $EI_2$60, $EI_2$90 and REI 120 doors
- Three locking point mechanism for one-leaved $EI_2$120 doors
- CE marked in conformity with EN 12209 standard
- Insert with patent key, Euro profile cylinder ready

Handle
- Fire rated 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 rebate sealing provided on request only.
The handle requires assembly.

Features
PROGET Fire doors

INCLUDED ACCESSORIES

which comprise Proget fire doors:

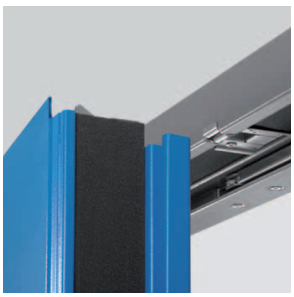
Closing regulator
- Standard two-leaved doors include an RC/STD Closing regulator to ensure the correct closing sequence of the leaves
- CE marking in conformity with EN 1158 standard

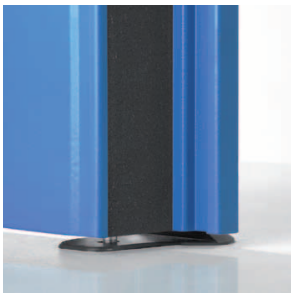
Locking mechanism for secondary leaf
- "Flush-bolt" automatic locking of the secondary leaf
- Lever control for unlocking

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 self-extinguishing black plastic with rebate stopper

Identification plate
- Metal tag with door identification data, in accordance with current regulations

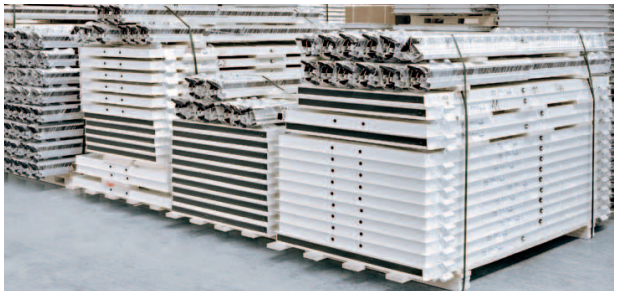




Standard paint - group 01:

leaf color NCS 4020-B50G

frame color NCS 5020-B50G



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

Finishing
- Standard painted 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	class	kg/m² of wall opening
1 leaf	$EI_2$60	37
2 leaves	$EI_2$60	35
1 leaf	$EI_2$120, REI 120	42
2 leaves	$EI_2$90, REI 120	40

INSTALLATION ONTO OTHER WALL TYPES

Other types of installation are possible, all of which have been rigorously certified and approved
- Frame for dry wall installation with expansion screws
- Frame for dry wall installation with screws onto the subframe
- Block frame for in the reveal application
- Embracing frame for lightweight constructions installation

OPTIONAL ACCESSORIES

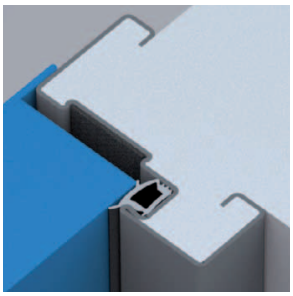
A wide variety of accessories and surface finishes are available on request for maximum value enhancement of Proget doors to your own specific needs. The proper accessories can help resolve:

Safety-related needs
- Doors for panic exits (see panic bars)
- Doors for emergency exits (see emergency exit handles)
- Open doors which must be closed in case of fire (see leaf holding systems)

Installation and utilization needs
- Frame extensions
- Floor mounted floor catch in galvanized steel
- Drip steel-profile
- Special fastener screws
- Kick and protection plates
- Rectangular windows, standard dimensions or built to order
- Round windows

Access-related control issues
- Electrically-activated lock mechanisms
- Electric handle mechanisms
- Magnetic blocking mechanisms

NINZ DIGITAL DECOR



Performance enhancing
- Sealing
- Cylinders
- Door closers
- Special closing regulators
- 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 on the optional accessories may be found in the following chapters of this brochure:
- Finishing
- Accessories for metal doors
- Panic bars

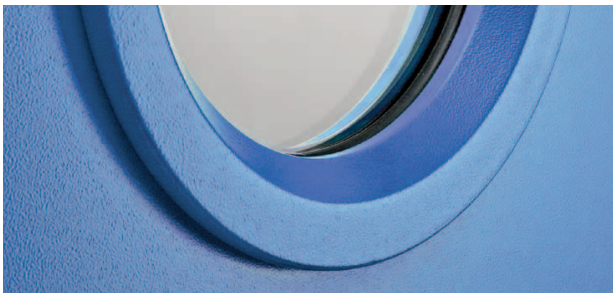
Specific optional accessories
PROGET Fire doors

WINDOW WITH FIRE RATED GLASS

Upon request all one- and two-leaved fire doors may be equipped with round or rectangular windows with fire rated stratified glass and respective window frames fixed with screws. The window frame carters are included for round window and available as an optional accessory for the rectangular one.

Limits prescribed by regulations
According to standards UNI 9723 and EN 1634-1, windows may be smaller but not larger than the test sample size, and the reverse holds true for the border strip around the window which may be wider but not thinner.
The following limits correspond with these restrictions.

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

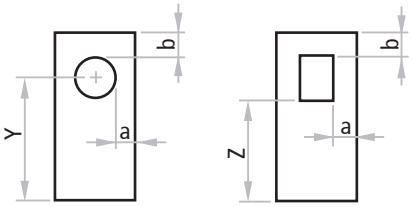


Elevation for round windows

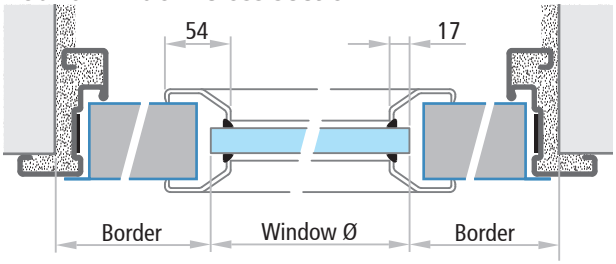
window size	FM H	position
Ø 300	minimum 2050	Y=1600
Ø 300	less than 2050	Y=FM H - 450
Ø 400	minimum 2150	Y=1600
Ø 400	from 2050 to 2149	Y=1550
Ø 400	less than 2050	Y=FM H - 500

Elevation for rectangular windows

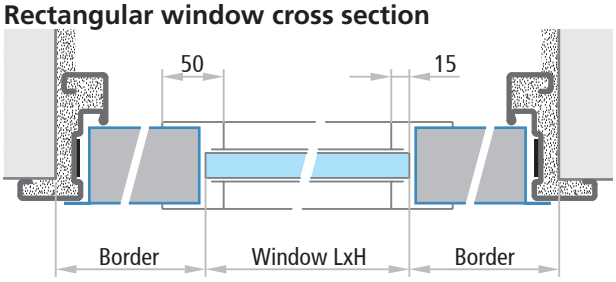
window dimensions L x H	FM H	position
300 x 400	minimum 2150	Z=1450
300 x 400	from 2050 to 2149	Z=1350
300 x 400	less than 2050	Z=FM H -700
400 x 600	minimum 2150	Z=1250
400 x 600	from 2050 to 2149	Z=1150
400 x 600	less than 2050	Z=FM H - 900
400 x 1200	minimum 2150	Z=650
400 x 1200	from 2050 to 2149	Z=550
400 x 1200	less than 2050	Z=FM H - 1500



Round window cross section



Rectangular window cross section



Window thickness

class	glass thickness
$EI_2$60	21 mm
$EI_2$90, $EI_2$120, REI 120	53 mm

NOTE
Position and measurements indicated above are those standard. Different positions and measurements may be considered as long as they respect the minimum "a" and "b" border strips and maximal measurements mentioned in the certificate for the window. 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.

ATTENTION
Fire rated windows become opaque on exposure to temperatures of 40 degrees or higher, or when installed outside and exposed to UV radiation. Minor aesthetic imperfections or tiny air bubbles do not compromise the fire resistance of the glass, and do not constitute grounds for claims. For special instructions and recommendations for fire windows, see the „Notices" reported on the last page of the window accessories section of the present brochure.

Specific optional accessories
PROGET Fire doors

EI WINDOW SPECIFICATIONS BASED ON INSTALLATION METHOD

model	min./max. window L x H		border strip a	b	mortar fixing	expansion screws	lightweight constructions with embracing frame	block frame	$EI_2$60	$EI_2$90	$EI_2$120	dimensions FM L (L1 + L2) x FM H
	Ø 300		300	300	✓	✓	✓		✓			from 900 to 1340 x from 1950 to 2600
	Ø 400		300	300	✓	✓	✓		✓			from 1000 to 1340 x from 1950 to 2600
	Ø 300		300	300	✓	✓		✓			✓	from 900 to 1340 x from 1900 to 2640
	Ø 400		300	300	✓	✓		✓			✓	from 1000 to 1340 x from 1900 to 2640
	from 250 to 700	from 250 to 650	300	300	✓	✓	✓		✓			from 850 to 1340 x from 1950 to 2600
	from 250 to 600	from 250 to 400	370	300	✓	✓		✓			✓	from 990 to 1340 x from 1900 to 2640
	Ø 300		300	300	✓	✓	✓		✓			from 1535 (900 + 635) to 2540 (1270 + 1270) x from 1950 to 2600
	Ø 400		300	300	✓	✓	✓		✓			from 1635 (1000 + 635) to 2540 (1270 + 1270) x from 1950 to 2600
	Ø 300		300	300	✓	✓		✓		✓		from 1475 (900 + 575) to 2270 (1150 + 1120) x from 1775 to 2300
	Ø 400		300	300	✓	✓		✓		✓		from 1575 (1000 + 575) to 2270 (1150 + 1120) x from 1775 to 2300
	Ø 300		300	300	✓	✓	✓		✓			from 1800 (900 + 900) to 2540 (1270 + 1270) x from 1950 to 2600
	Ø 400		300	300	✓	✓	✓		✓			from 2000 (1000 + 1000) to 2540 (1270 + 1270) x from 1950 to 2600
	Ø 300		300	300	✓	✓		✓		✓		from 1800 (900 + 900) to 2270 (1150 + 1120) x from 1775 to 2300
	Ø 400		300	300	✓	✓		✓		✓		from 2000 (1000 + 1000) to 2270 (1150 + 1120) x from 1775 to 2300
	from 250 to 700	from 250 to 650	300	300	✓	✓	✓		✓			from 1485 (850 + 635) to 2540 (1270 + 1270) x from 1950 to 2600
	from 250 to 600	from 250 to 400	300	300	✓	✓		✓		✓		from 1425 (850 + 575) to 2270 (1150 + 1120) x from 1775 to 2300
	from 250 to 700	from 250 to 650	300	300	✓	✓	✓		✓			from 1700 (850 + 850) to 2540 (1270 + 1270) x from 1950 to 2600
	from 250 to 600	from 250 to 400	300	300	✓	✓		✓		✓		from 1700 (850 + 850) to 2270 (1150 + 1120) x from 1775 to 2300

Specific optional accessories
PROGET Fire doors

NINZ FIREDOORS

REI WINDOW SPECIFICATIONS BASED ON INSTALLATION METHOD

model	min./max. window L	x	H	border strip a	b	mortar fixing subframe	expansion screws plasterboard with embracing frame	REI120	dimensions FM L (L1 + L2) x FM H
	Ø 300			300	300		✓ ✓ ✓	✓	from 900 to 1170 x from 1775 to 2275 from 1004 to 1340 x from 2050 to 2500
	Ø 400			300	300		✓ ✓ ✓	✓	from 1000 to 1170 x from 1775 to 2275 from 1004 to 1340 x from 2050 to 2500
	from 250 to 400		from 250 to 600	300	300	✓		✓	from 850 to 1000 x from 1775 to 2150
	from 250 to 620		from 250 to 400	360	300	✓		✓	from 970 to 1340 x from 1775 to 2670
	from 250 to 546		from 250 to 443	300	300		✓ ✓ ✓	✓	from 850 to 1170 x from 1775 to 2275 from 1004 to 1340 x from 2050 to 2500
(*)	from 250 to 400		from 630 to 1400	250	300	✓		✓	from 750 to 900 x from 1775 to 2000 from 779 to 1037 x from 1803 to 2197
(*)	from 250 to 522		from 500 to 1460	320	300	✓		✓	from 890 to 1162 x from 1775 to 2620 from 997 to 1332 x from 2361 to 2670
	Ø 300			300	300		✓ ✓ ✓	✓	from 1250 (900 + 350) to 2252 (1126 + 1126) x from 1775 to 2275** from 1962 (996 + 966) to 2540 (1270 + 1270) x from 2050 to 2500**
	Ø 400			300	300		✓ ✓ ✓	✓	from 1350 (1000 + 350) to 2252 (1126 + 1126) x from 1775 to 2275** from 1966 (1000 + 966) to 2540 (1270 + 1270) x from 2050 to 2500**
	Ø 300			300	300		✓ ✓ ✓	✓	from 1800 (900 + 900) to 2252 (1126 + 1126) x from 1775 to 2275** from 1962 (996 + 966) to 2540 (1270 + 1270) x from 2050 to 2500**
	Ø 400			300	300		✓ ✓ ✓	✓	from 2000 (1000 + 1000) to 2252 (1126 + 1126) x from 1775 to 2275** from 2000 (1000 + 1000) to 2540 (1270 + 1270) x from 2050 to 2500**
	from 250 to 400		from 250 to 600	300	300	✓		✓	from 1200 (850 + 350) to 2000 (1000 + 1000) x from 1775 to 2150**
	from 250 to 400		from 250 to 600	300	300	✓		✓	from 1700 (850 + 850) to 2000 (1000 + 1000) x from 1775 to 2150**
	from 250 to 620		from 250 to 400	325	300	✓		✓	from 1250 (900 + 350) to 2540 (1270 + 1270) x from 1775 to 2670**
	from 250 to 620		from 250 to 400	325	300	✓		✓	from 1800 (900 + 900) to 2540 (1270 + 1270) x from 1775 to 2670**
	from 250 to 546		from 250 to 443	300	300		✓ ✓ ✓	✓	from 1200 (850 + 350) to 2252 (1126 + 1126) x from 1775 to 2275** from 1962 (996 + 966) to 2540 (1270 + 1270) x from 2050 to 2500**
	from 250 to 546		from 250 to 443	300	300		✓ ✓ ✓	✓	from 1700 (850 + 850) to 2252 (1126 + 1126) x from 1775 to 2275** from 1962 (996 + 966) to 2540 (1270 + 1270) x from 2050 to 2500**
(*)	from 250 to 400		from 630 to 1400	250	300	✓		✓	from 1100 (750 + 350) to 1800 (900 + 900) x from 1775 to 2000 from 1539 (772 + 767) to 2061 (1028 + 1033) x from 1803 to 2197
(*)	from 250 to 515		from 500 to 1460	320	300	✓		✓	from 1240 (890 + 350) to 2315 (1155 + 1160) x from 1775 to 2620 from 1975 (989 + 986) to 2540 (1268 + 1272) x from 2361 to 2670

NOTE

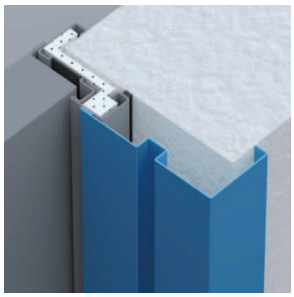
(*) Windows only possible for the minimum size of 0,25 m², and only on one-leaved doors or the active leaf of two-leaved doors.

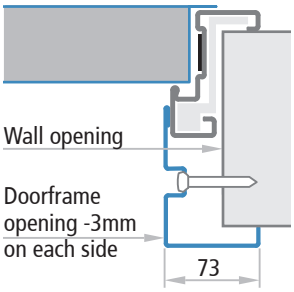
(**) FM secondary leaf minimum without window with RC/STD = 350 mm
FM secondary leaf minimum without window but with RC2 = 370 mm

Specific optional accessories
PROGET Fire doors

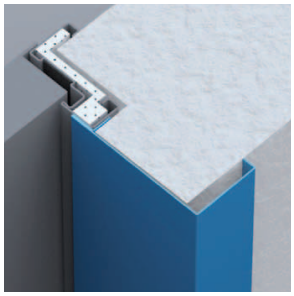
FRAME EXTENSIONS FOR PROGET DOORS

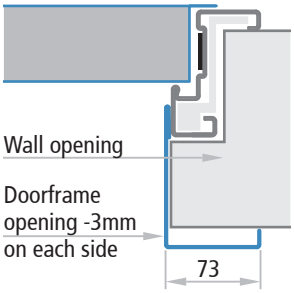
IM 1
Frame extensions to be mounted in addition to the Proget frame to serve as embracing frame made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs in groove (screws and plugs not included).



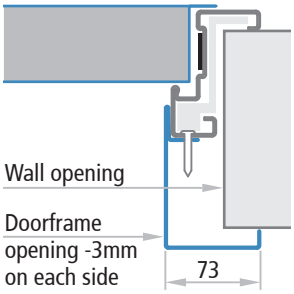


IM 3
Frame extensions to be mounted in addition to the Proget frame to serve as embracing frame, especially for $EI_2$90, $EI_2$120 with installation for expansion screws fixing. Made of "Sendzimir" processed hot-galvanized sheet metal and painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 45 degree joint, fixing with screws and plugs (screws and plugs not included).

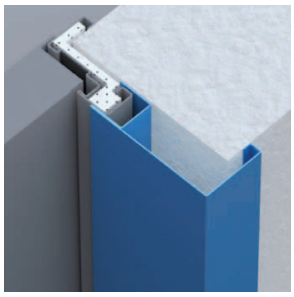


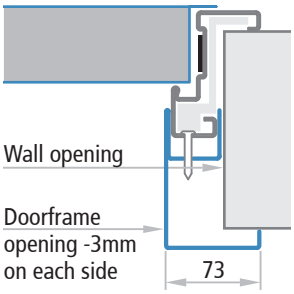


IM 4
Frame extension to be screwed to the Proget doorframe acting as a wall cladding. Made of "Sendzimir" processed hot-galvanized sheet metal painted the same color as the doorframe with epoxy-polyester powders. Profile on three sides, upper corners with 90 degree joint.
Complete with fastener screws. 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.

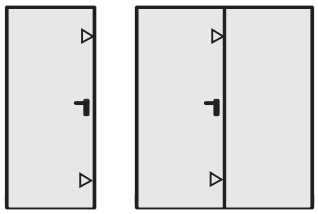




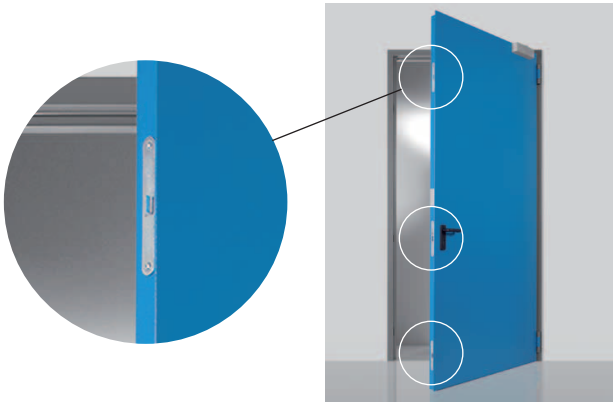
Specific optional accessories
PROGET Fire doors

THREE-POINT LOCKING MECHANISM

Mandatory for one-leaved EI_2120 doors and upon request for a more reliable closure of two-leaved $EI_2$90 doors. 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.

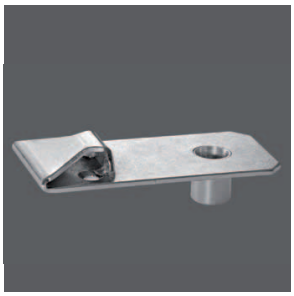


▷ Additional closure points

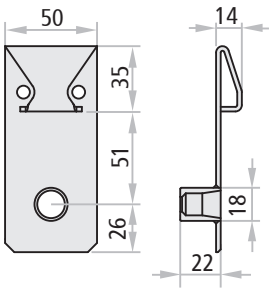


STEEL FLOOR CATCH

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.



Lower PROGET steel floor catch



RETREATING FLOOR CATCH „N626“

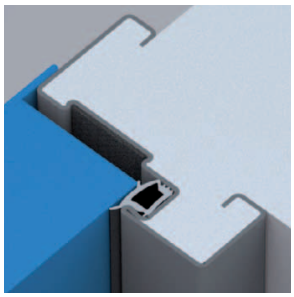
To be applied in combination with two-leaved PROGET doors, which are usually to be kept open, in substitution of the standard floor catch. The N626's advantage is the embedding of the floor catch into the floor which is activated only by the closing of the secondary leaf. Thus when the doors are open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

Specific optional accessories
PROGET Fire doors

FF REBATE SEALING

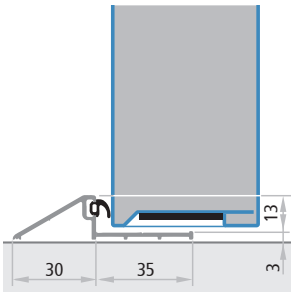
FF/CR sealing (for EI_2 doors) and FF sealing (for REI doors) in black extruded profile to be pressed into the dedicated groove in the perimetral frame and on the central joint of two-leaved doors.



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

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).



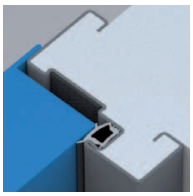
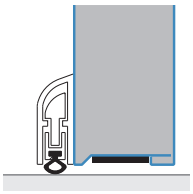
NOTE
This devices is delivered only when the door has been ordered with thermal insulating characteristics.
For the installation it is necessary to adapt the threshold to the frame of the door and to drill a hole for its fixing. Further it is necessary to finish up the threshold with silicone.

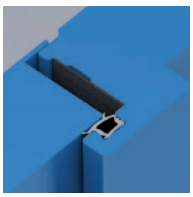
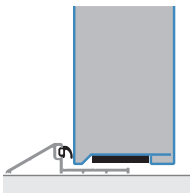
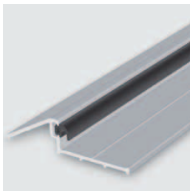
Environmental characteristics
PROGET Fire doors

ENVIRONMENTAL CHARACTERISTICS OF FIRE DOORS

The norms EN 14351-1 (external doors) and EN 14351-2 (internal doors) are not applicable for fire rated doors, nevertheless they may be taken as a reference to determine the environmental characteristics of the latter. CE marking is not mandatory, tests for their classification are purely provided on a voluntarily basis.

The Proget pricelist lists Kits which add this environmental characteristic to the door.

Test Report Summary & Expert Statement
Airborne sound insulation of building components

ift ROSENHEIM

Report-No. 12-001195-PR01
(GAS-C02-04-en-01)

Client	**NINZ s.p.a.** Corso Trento 2/A 38061 ALA Italy
Product	Fire door, single and double leaf
Designation	**PROGET REI 120 - PROGET EI² 90 / 120**
Door frame	Steel frame variants with infill panel
Coordinating dimensions	Width 0.80 m … 1.34 m (single leaf)/1.00 m … 2.66 m (double leaf), height: 2.00 m … 2.67 m
Door leaf	Steel door with insulating insert and optional glazed panel
Door leaf dimensions	Width 0.40 m … 1,327 m, Height: 1.99 m … 2.66 m
Glazing	Variants: single, laminated or insulating glass unit
Rebate seals	1 frame rebate seal
Floor seals	1 automatic floor seal (drop seal)

Weighted sound reduction index R_w
Spectrum adaptation terms C and C_{tr}

Design variants up to
$R_w\,(C;\,C_{tr})$ = 36 (-1, -3) dB
as per Section 4.2

ift Rosenheim
10.05.2012

Dr. Joachim Hessinger, Dipl.-Phys.
Head of Testing Department
Building Physics

Johann Baume, Dipl.-Ing. (FH)
Operating Testing Officer
Building Acoustics

Basis
EN ISO 10140-1: 2010
EN ISO 10140-2: 2010
EN ISO 717-1: 1995+A1: 2006
EN 14351-1 : 2006
Documentation for test series 11-000271 referring to sound insulation measurement of door sets.

Translation to 12-001195-PR01 (GAS-C02-04-de-01) dated 10 May 2012.

Instructions for use
This test report serves to demonstrate the airborne sound insulation of building elements

For Germany the following applies:
- $R_{w,R}$ as per DIN 4109: (R_w corresponds to $R_{w,P}$, $R_{w,R} = R_{w,P} - 5$ dB)
- $R_{w,R}$ for Construction Products List (Bauregelliste)

Validity
The data and results given refer solely to the tested and described test specimen.
Testing to one performance characteristic does not allow any statement to be made on any further characteristic of the present construction regarding performance and quality .

Notes on publication
The **ift** Guidance Sheet "Conditions and Guidance for the Use of **ift** Test Documents" applies.
The cover sheet can be used as an abstract.

Contents
The report comprises a total of 12 pages.

1 Object
2 Procedure
3 Detailed results
4 Instructions for use

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Notified Body No. 0757
Anerkannte PÜZ-Stelle: BAY 18

ATTENTION

For the dimensional limits according to the certificates and homologations of the fire rated doors and regarding the minimum borders please refer to the specific pages of this brochure.

The performance values listed in the table on the next page have only been reached with tests according to the current norms. The customer shall acknowledge that these may change according to:
- real installation conditions
- adjustments of leeway
- connections between door and wall
- execution of the wall itself.

The values for the thermal transmittance W/m²K 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 ≤ 3,6m² and on samples of the dimensions 2,00x2,18 for areas > 3,6m².

All performance values indicated in the table are valid only in presence of the following accessories or enhancements:
- standard frame to be installed with wall anchors and mortar or with screws and plugs
- embracing frame prepared for the installation onto lightweight constructions
- isolation of the frame with the filling of cement or plasterboard
- installation of rubber seals FF along the entire perimeter of the door frame including the central rebate for double leaved doors
- presence of the automatic door sweep or the fixed lower threshold depending upon selected solution.

In case of windows up to a maximum size of 400x600mm the differing performance value for the thermal transmittance needs to be asked, the performance value for acoustic isolation remains unchanged.
For the acoustic isolation performance values, in case of asymmetric double leaved doors (L1≠L2), select the minor RW value of the two.
example 1:
leaf without windows and H=2150, L1=1000, L2= 500 select RW 32;
example 2:
leaf without windows and H=2150, L1=1200, L2=1000 select RW 35.

Environmental characteristics

PROGET Fire doors

Performance requirements and classification	FM L x H dimensions	class	standard angular frame	embracing frame	block frame for in the reveal applic.	reached class with FF or FF/CR rebate sealing and automatic door sweep: air permeability class according to EN 1026:2001	reached class with FF or FF/CR rebate sealing and automatic door sweep: thermal transmittance (W/m²K) according to EN 10077-1:2007	reached class with FF or FF/CR rebate sealing and automatic door sweep: acoustic performance according to EN 14351-1:2006	reached class with FF or FF/CR rebate sealing and fix threshold: air permeability class according to EN 1026:2001	reached class with FF or FF/CR rebate sealing and fix threshold: thermal transmittance (W/m²K) according to EN 10077-1:2007	reached class with FF or FF/CR rebate sealing and fix threshold: water-tightness class according to EN 1027:2001	reached class with FF or FF/CR rebate sealing and fix threshold: resistance to windload class according to EN 12211:2001
without window	≤ 3,6 m²	$EI_2$60	✓			2	1,37		2	1,35	1A	
	≤ 3,6 m²	$EI_2$60		✓		2	1,51		2	1,50	1A	
	≤ 3,6 m²	$EI_2$120, REI 120	✓			2	1,39		2	1,38	1A	
	≤ 3,6 m²	$EI_2$120			✓	2	1,54		2	1,53	1A	
	≤ 3,6 m²	REI 120		✓		2	1,53		2	1,52	1A	
	800 - 1100 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				36 Rw				
	1101 - 1340 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				35 Rw				
	800 - 1340 x 2251 - 2670	$EI_2$90/120, REI 120	✓	✓				34 Rw				
	546 - 1150 x 1775 - 2150	ALL	✓	✓	✓							C1
with window 300x400	≤ 3,6 m²	$EI_2$60	✓			2	1,89		2	1,88	1A	
	≤ 3,6 m²	$EI_2$60		✓		2	2,02		2	2,01	1A	
	≤ 3,6 m²	$EI_2$120, REI 120	✓			2	1,84		2	1,83	1A	
	≤ 3,6 m²	$EI_2$120			✓	2	1,98		2	1,97	1A	
	≤ 3,6 m²	REI 120		✓		2	1,97		2	1,96	1A	
	800 - 1100 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				36 Rw				
	1101 - 1340 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				35 Rw				
	800 - 1340 x 2251 - 2670	$EI_2$90/120, REI 120	✓	✓				34 Rw				
	900 - 1150 x 1775 - 2150	ALL	✓	✓	✓							C1
without windows	≤ 3,6 m²	$EI_2$60	✓			3	1,80		3	1,78	2A, 4B	
	> 3,6 m²	$EI_2$60	✓			3	1,45		3	1,44	2A, 4B	
	≤ 3,6 m²	$EI_2$60		✓		3	1,93		3	1,91	2A, 4B	
	> 3,6 m²	$EI_2$60		✓		3	1,55		3	1,54	2A, 4B	
	≤ 3,6 m²	$EI_2$90			✓	3	1,95		3	1,94	2A, 4B	
	> 3,6 m²	$EI_2$90			✓	3	1,58		3	1,56	2A, 4B	
	≤ 3,6 m²	$EI_2$90, REI 120	✓			3	1,80		3	1,79	2A, 4B	
	> 3,6 m²	$EI_2$90, REI 120	✓			3	1,47		3	1,46	2A, 4B	
	≤ 3,6 m²	REI 120		✓		3	1,93		3	1,92	2A, 4B	
	> 3,6 m²	REI 120		✓		3	1,56		3	1,55	2A, 4B	
	(L1 o L2) 500 - 799 x 2000 - 2670	$EI_2$90/120, REI 120	✓	✓				32 Rw				
	(L1 o L2) 800 - 1100 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				36 Rw				
	(L1 o L2)1101 - 1330 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				35 Rw				
	(L1 o L2) 800 - 1330 x 2251 - 2670	$EI_2$90/120, REI 120	✓	✓				34 Rw				
	890 - 2300 x 1775 - 2150	ALL	✓	✓	✓							C1
with windows 300x400	≤ 3,6 m²	$EI_2$60	✓			3	2,91		3	2,80	2A, 4B	
	> 3,6 m²	$EI_2$60	✓			3	2,14		3	2,08	2A, 4B	
	≤ 3,6 m²	$EI_2$60		✓		3	3,04		3	2,94	2A, 4B	
	> 3,6 m²	$EI_2$60		✓		3	2,24		3	2,17	2A, 4B	
	≤ 3,6 m²	$EI_2$90			✓	3	2,85		3	2,84	2A, 4B	
	> 3,6 m²	$EI_2$90			✓	3	2,13		3	2,12	2A, 4B	
	≤ 3,6 m²	$EI_2$90, REI 120	✓			3	2,70		3	2,69	2A, 4B	
	> 3,6 m²	$EI_2$90, REI 120	✓			3	2,03		3	2,02	2A, 4B	
	≤ 3,6 m²	REI 120		✓		3	2,83		3	2,82	2A, 4B	
	> 3,6 m²	REI 120		✓		3	2,12		3	2,11	2A, 4B	
	(L1 o L2) 500 - 799 x 2000 - 2670	$EI_2$90/120, REI 120	✓	✓				32 Rw				
	(L1 o L2) 800 - 1100 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				36 Rw				
	(L1 o L2)1101 - 1330 x 2000 - 2250	$EI_2$90/120, REI 120	✓	✓				35 Rw				
	(L1 o L2) 800 - 1330 x 2251 - 2670	$EI_2$90/120, REI 120	✓	✓				34 Rw				
	1250 * - 2300 x 1775 - 2150	ALL	✓	✓	✓							C1

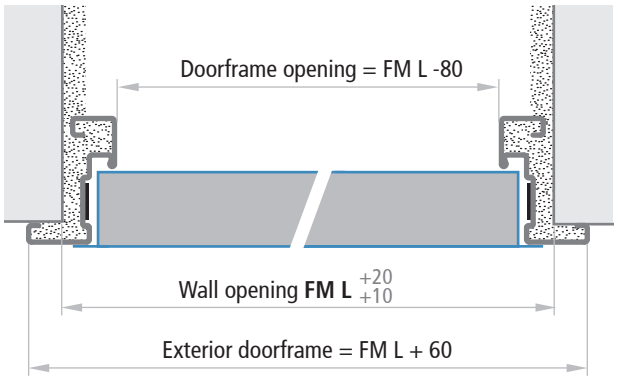
* = only for single leaf with window

Door cross sections - Measurements

PROGET Fire doors

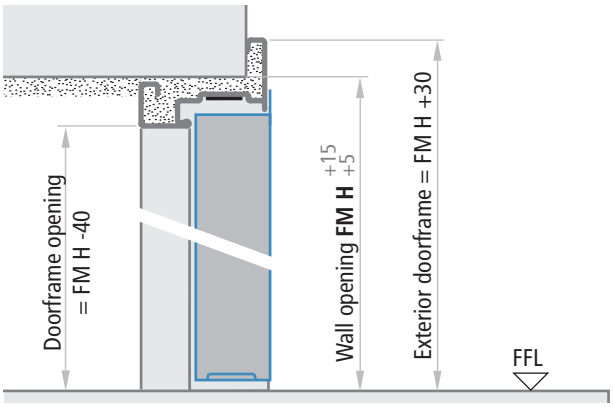
One-leaved doors

Horizontal cross section



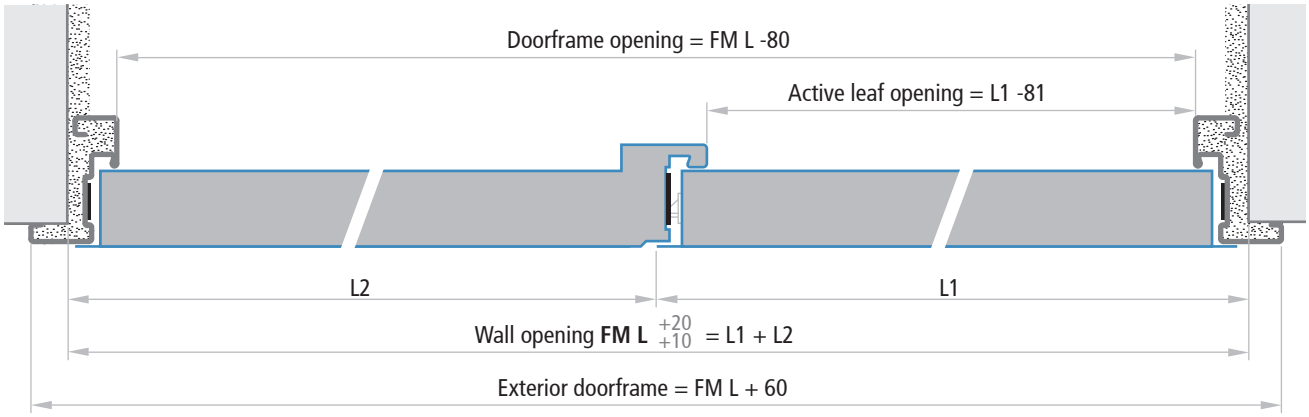
Doors without lower threshold

Vertical cross section



Two-leaved $EI_2$60, REI 120 doors

Horizontal cross section



Leaf thickness

$EI_2$60, $EI_2$90, $EI_2$120, REI 120	60 mm

NOTE

The tolerances **FM L** $^{+20}_{+10}$, **FM H** $^{+15}_{+5}$ 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

TWO LEAVED $EI_2$90 DOORS

Proget $EI_2$90 two leaved doors features an additional isolated central rebate profile, which is applied onto the active leaf.

Horizontal cross section of the central rebate

Standard installation methods

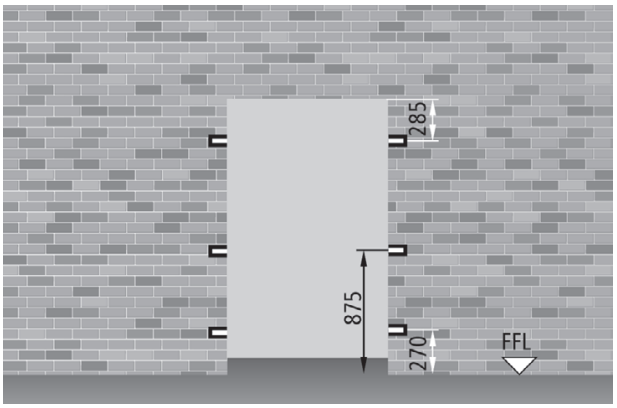
PROGET Fire doors

INSTALLATION WITH ANCHORS FOR MORTAR FIXING

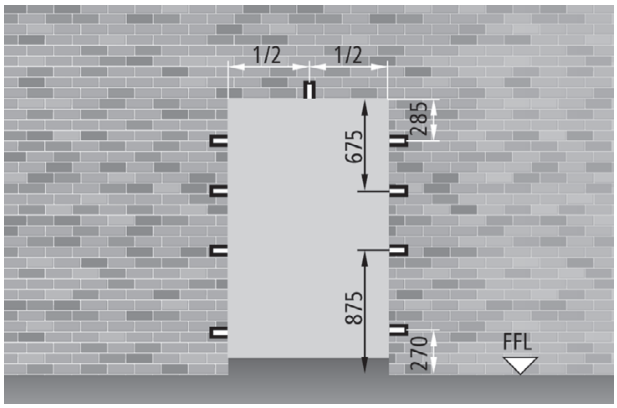
The standard installation method for Proget doors is to use the anchors for mortar fixing. Appropriate cuts will need to be created in the walls (section 80 x 200 mm). The anchors should be bent and blocked inside the wall. For fire sealing purposes and mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar.

One-leaved doors

FM L = from 500 to 1035 x FM H = from 1775 to 2200

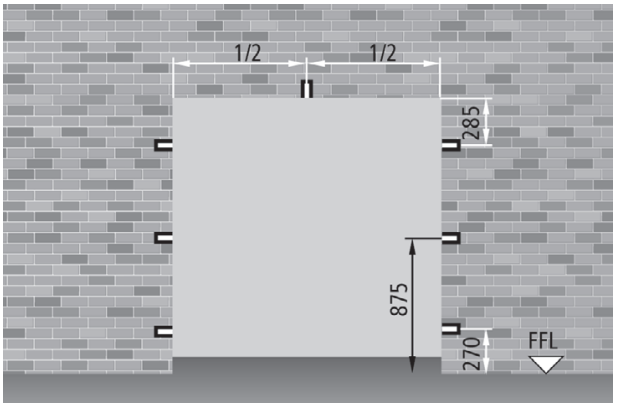


FM L greater than 1035 and/or FM H greater than 2200

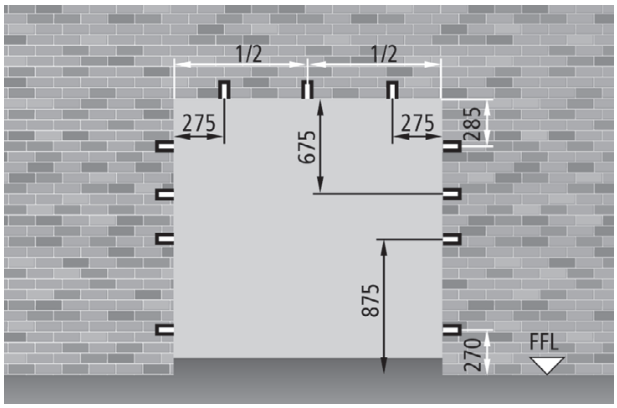


Two-leaved doors

FM L = from 850 to 2070 x FM H = from 1775 to 2200



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



NOTE

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

Optional installation methods

PROGET Fire doors

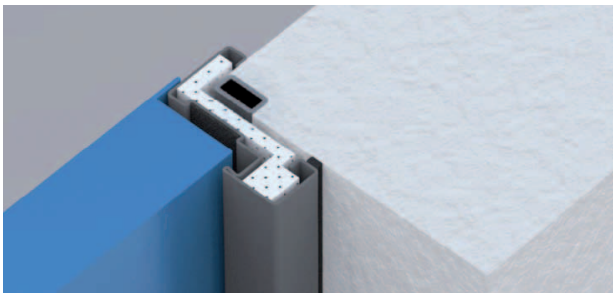
DRY WALL INSTALLATION ONTO THE SUBFRAME WITH SCREWS

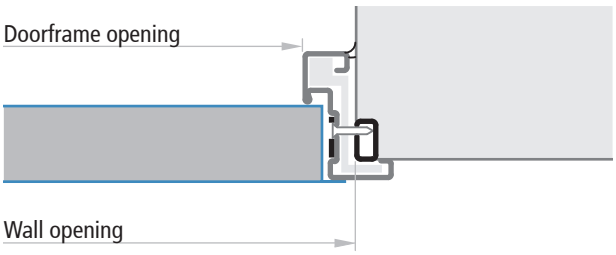
Installation method certified for one- or two-leaved REI 120 doors, in conformity with UNI 9723 standard, for screw fixing onto metal subframes in the walls.

The subframe is made of hollow steel profiles, cross section 30 x 15 mm, complete with spacers and anchors for mortar fixing. Subframes need to be ordered separately from the door. Make sure measurements correspond to the door's FM L x FM H measurements.

The supplied doorframe comes factory heat-insulated with special materials and includes corner joints and a lower spacer to be added on site.

The subframe method allows a "dry wall" installation of the doors, making an installation onto finished masonry possible.

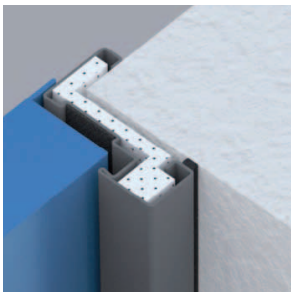




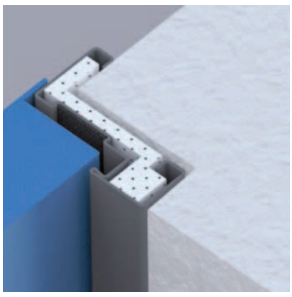
INSTALLATION FOR EXPANSION SCREWS FIXING

Installation method certified for one- or two-leaved doors for expansion screws. Designed for installations onto blockwork, masonry or homogenous concrete wall, with density of (1200±400)kg/m³ and a thickness of (200±50) mm.

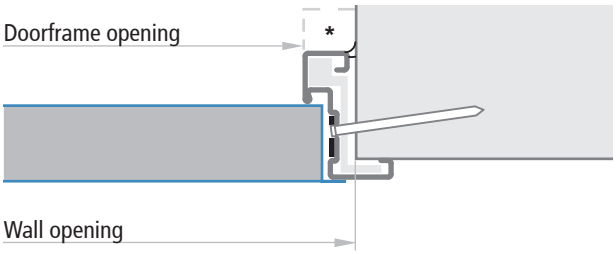
The supplied doorframe comes factory heat-insulated with special materials and includes corner joints and a lower spacer to be added on site.
This method allows for "dry wall" installation of the doors without requiring any additional masonry work. Installation of the door, therefore, becomes a simple mechanical operation plus the final adjustments.



$EI_2$60, REI 120 doors



$EI_2$90, $EI_2$120 doors



NOTE
Please specify clearly whether the door is for subframe installation or for direct wall installation with expansion screws.
* concealing with concrete mandatory for $EI_2$90 and $EI_2$120 fire-rated doors.

WALL SCREWS

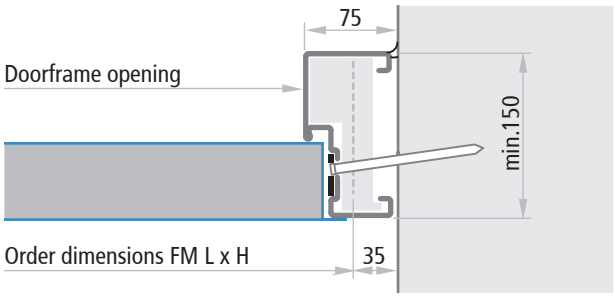
For direct wall installations or installation onto subframes, special expansion screws should be used without plugs. Please see the "door accessories" pages for more details.

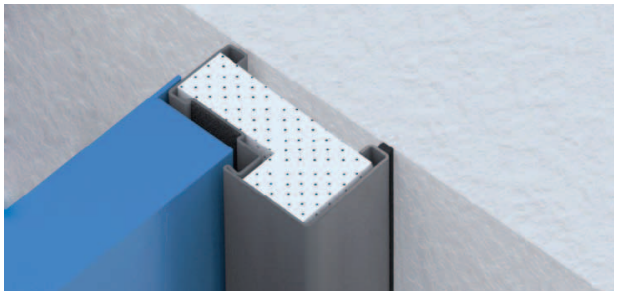
Optional installation methods

PROGET Fire doors

BLOCK FRAME FOR IN THE REVEAL APPLICATION

Installation method certified for one-leaved $EI_2$120 or two-leaved $EI_2$90 doors.
The supplied frame comes factory heat-insulated with special materials and includes corner joints and pre-drilled screw holes on the rebate. Installation for expansion screws (not supplied).
This method allows for "dry wall" installation of the doors without requiring any additional masonry work. Installation of the door, therefore, becomes a simple mechanical operation plus the final adjustments.





Order measurement	required wall opening	doorframe opening	exterior of doorframe
FM L (width)	FM L + 70 mm	FM L - 80 mm	FM L + 60 mm
FM H (height)	FM H + 35 mm	FM H - 40 mm	FM H + 30 mm

NOTE
Expansion screws recommended:
- for light wall Würth type DBL-(WUS-SK)-Z3-180-10x202
- for heavy wall Spit type L 10 - 102/152

Lightweight construction installation
PROGET Fire doors

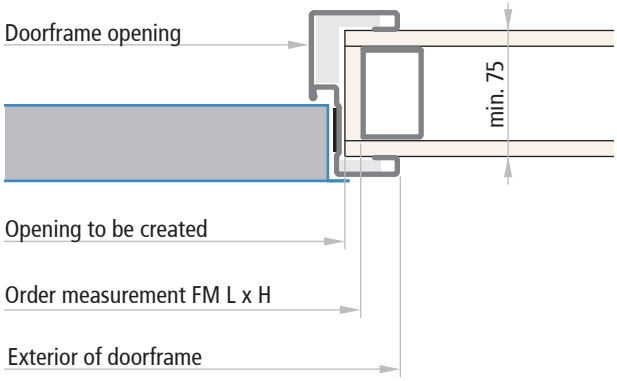
LIGHTWEIGHT CONSTRUCTION INSTALLATION WITH EMBRACING FRAME

Installation method onto lightweight constructions certified for one- or two-leaved $EI_2$60 and REI 120 doors.
The supplied frame comes factory heat-insulated with special materials and includes corner joints and pre-drilled screw holes with cover caps.

Lightweight constructions should be done following the specific door installation instructions.

Door cross section and lightweight construction version:

$EI_2$60



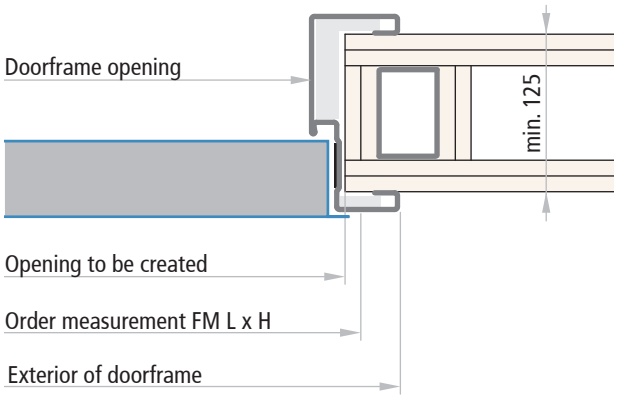
Lightweight constructions $EI_2$60

$EI_2$60 fire-rated doorsets can be installed onto every wall or partition which is of the board covered type with studs made from metal or timber with a fire resistance equal to or greater than the EI60 supporting construction.

Order measurement	required wall opening	doorframe opening	exterior of doorframe
FM L (width)	FM L - 25 mm	FM L - 80 mm	FM L + 60 mm
FM H (height)	FM H - 12 mm	FM H - 40 mm	FM H + 30 mm

Door cross section and plasterboard version:

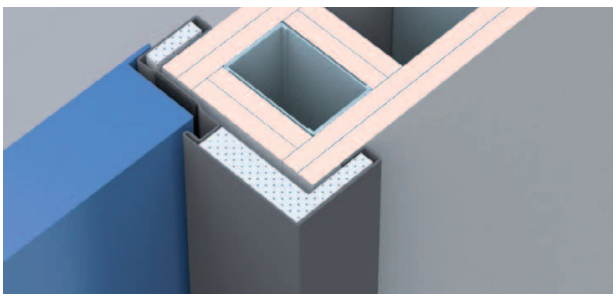
REI 120



Plasterboard walls REI 120

Made using galvanized steel framing with “U”-shaped 75 x 40 mm guide profiles, “C”-shaped 75 x 47 mm vertical profiles (doubled next to the doorframe), with a double layer of 12,5 mm thick fire rated plasterboard used as finishing on both sides and on the profiles around the doorframe.

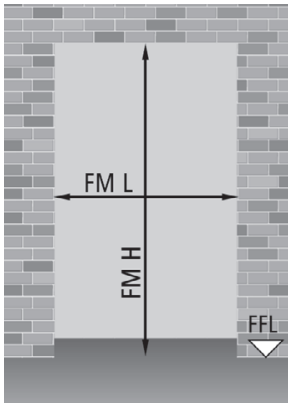
Order measurement	required wall opening	doorframe opening	exterior of doorframe
FM L (width)	FM L - 25 mm	FM L - 80 mm	FM L + 60 mm
FM H (height)	FM H - 12 mm	FM H - 40 mm	FM H + 30 mm



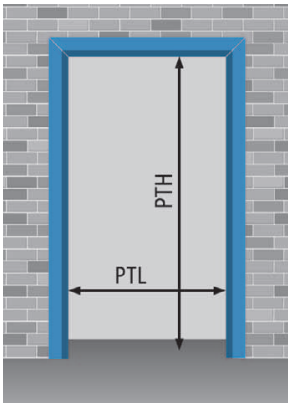
Order measurements
PROGET Fire doors

ORDER MEASUREMENTS

Wall opening

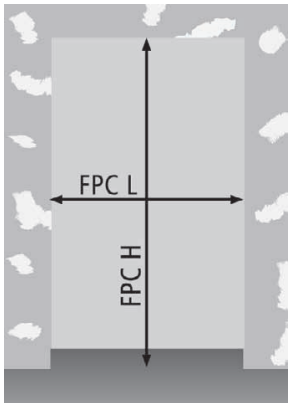


Doorframe opening



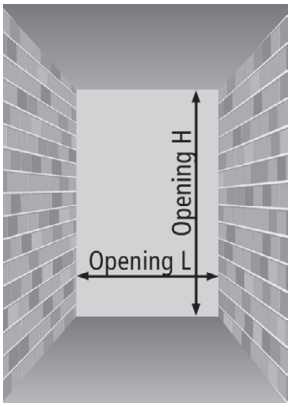
PTL = FM L - 80
PTH = FM H - 40

Lightweight construc-tions wall opening



FPC L = FM L - 25
FPC H = FM H - 12

Block frame opening



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

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

One-leaved doors FM L x FM H			PT L x PT H			fire-rating
standard dimensions			**doorframe opening**			**class**
800	x	2000 / 2050 / 2150	720	x	1960 / 2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
900	x	2000 / 2050 / 2150	820	x	1960 / 2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
1000	x	2000 / 2050 / 2150	920	x	1960 / 2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
1100	x	2050 / 2150	1020	x	2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
1200	x	2050 / 2150	1120	x	2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
1300	x	2000 / 2050 / 2150	1220	x	1960 / 2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
1340	x	2050 / 2150	1260	x	2010 / 2110	**$EI_2$60, $EI_2$120, REI 120**
semi-standard dimensions						
from 670 to 995	x	2000 / 2050 / 2150	from 590 to 915	x	1960 / 2010 / 2110	**$EI_2$60**
from 710 to 995	x	2000 / 2050 / 2150	from 630 to 915	x	1960 / 2010 / 2110	**$EI_2$120**
from 546 to 995	x	2000 / 2050 / 2150	from 466 to 915	x	1960 / 2010 / 2110	**REI 120**
non standard dimensions						
from 670 to 1340	x	from 1950 to 2600	from 590 to 1260	x	from 1910 to 2560	**$EI_2$60**
from 710 to 1340	x	from 1900 to 2640	from 630 to 1260	x	from 1860 to 2600	**$EI_2$120**
from 546 to 1340	x	from 1775 to 2670	from 466 to 1260	x	from 1735 to 2630	**REI 120 anchor fixing**
from 600 to 1170	x	from 1775 to 2275	from 520 to 1090	x	from 1735 to 2235	**REI 120 embracing frame**
from 1004 to 1340	x	from 2050 to 2500	from 924 to 1260	x	from 2010 to 2460	**REI 120 embracing frame**
from 600 to 1170	x	from 1775 to 2275	from 520 to 1090	x	from 1735 to 2235	**REI 120 subframe/exp. screw**
from 1004 to 1340	x	from 2050 to 2500	from 924 to 1260	x	from 2010 to 2460	**REI 120 subframe/exp. screw**

Order measurements - Handle height

PROGET Fire doors

NINZ FIREDOORS

Two-leaved doors FM L x FM H			PT L x PT H		fire-rating
standard dimensions			doorframe opening		class
1150 (800 + 350)	x	2000 / 2050 / 2150	1070	x 1960 / 2010 / 2110	**REI 120**
1200 (800 + 400)	x	2000 / 2050 / 2150	1120	x 1960 / 2010 / 2110	**REI 120**
1250 (800 + 450)	x	2000 / 2050 / 2150	1170	x 1960 / 2010 / 2110	**REI 120**
1250 (900 + 350)	x	2000 / 2050 / 2150	1170	x 1960 / 2010 / 2110	**REI 120**
1300 (900 + 400)	x	2000 / 2050 / 2150	1220	x 1960 / 2010 / 2110	**REI 120**
1350 (900 + 450)	x	2000 / 2050 / 2150	1270	x 1960 / 2010 / 2110	**REI 120**
1350 (1000 + 350)	x	2000 / 2050 / 2150	1270	x 1960 / 2010 / 2110	**REI 120**
1400 (1000 + 400)	x	2000 / 2050 / 2150	1320	x 1960 / 2010 / 2110	**REI 120**
1450 (1000 + 450)	x	2000 / 2050 / 2150	1370	x 1960 / 2010 / 2110	**REI 120**
1600 (800 + 800)	x	2000 / 2050 / 2150	1520	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
1700 (900 + 800)	x	2000 / 2050 / 2150	1620	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
1800 (900 + 900)	x	2000 / 2050 / 2150	1720	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
1800 (1000 + 800)	x	2000 / 2050 / 2150	1720	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
1900 (1000 + 900)	x	2000 / 2050 / 2150	1820	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
2000 (1000 + 1000)	x	2000 / 2050 / 2150	1920	x 1960 / 2010 / 2110	**$EI_2$60, $EI_2$90, REI 120**
semi-standard dimensions					
from 1270 (635 + 635) to 2000 (1000 + 1000)	x	2000 / 2050 / 2150	from 1190 to 1920	x 1960 / 2010 / 2110	**$EI_2$60**
from 1175 (600 + 575) to 2000 (1000 + 1000)	x	2000 / 2050 / 2150	from 1095 to 1920	x 1960 / 2010 / 2110	**$EI_2$90**
from 890 (540 + 350) to 2000 (1000 + 1000)	x	2000 / 2050 / 2150	from 810 to 1920	x 1960 / 2010 / 2110	**REI 120**
non standard dimensions					
from 1270 (635 + 635) to 2540 (1270 + 1270)	x	from 1950 to 2600	from 1190 to 2460	x from 1910 to 2560	**$EI_2$60**
from 1175 (600 + 575) to 2270 (1150 + 1120)	x	from 1775 to 2300	from 1095 to 2190	x from 1735 to 2260	**$EI_2$90**
from 890 (540 + 350) to 2540 (1270 + 1270)	x	from 1775 to 2670	from 810 to 2460	x from 1735 to 2630	**REI 120 anchor fixing**
from 890 (540 + 350) to 2252 (1126 + 1126)	x	from 1775 to 2275	from 810 to 2172	x from 1735 to 2235	**REI 120 embracing frame**
from 1962 (996 + 996) to 2540 (1270 + 1270)	x	from 2050 to 2500	from 1882 to 2460	x from 2010 to 2460	**REI 120 embracing frame**
from 890 (540 + 350) to 2252 (1126 + 1126)	x	from 1775 to 2275	from 810 to 2172	x from 1735 to 2235	**REI 120 subframe/exp. screw**
from 1962 (996 + 996) to 2540 (1270 + 1270)	x	from 2050 to 2500	from 1882 to 2460	x from 2010 to 2460	**REI 120 subframe/exp. screw**

NOTE

The following $EI_2$120 and REI 120 doors with standard measurements are equipped with a CP1 door closer:

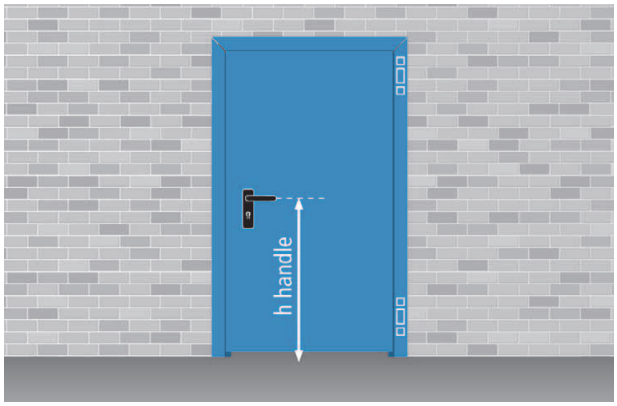
1 leaf: from 1126 to 1340 x from 2301 to 2500
from 901 to 1340 x from 2501 to 2670
2 leaves: from 2251 to 2540 x from 2151 to 2300
from 1801 to 2540 x from 2301 to 2670

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 must have a minimum height of 2000 mm (= nominal wall opening 2040 mm).

HANDLE HEIGHT

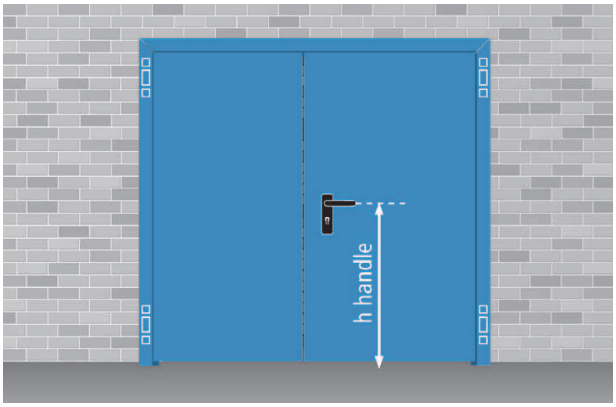
One-leaved door

h = 1050 (FM H ≥ 1750)



Two-leaved door

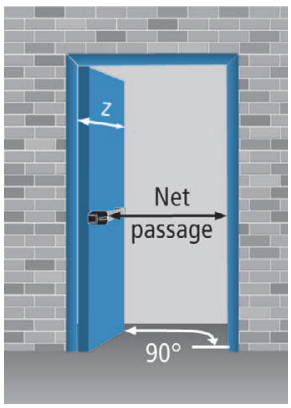
h = 1050 (FM H ≥ 1750)



Opening measurements - Overall dimensions
PROGET fire doors

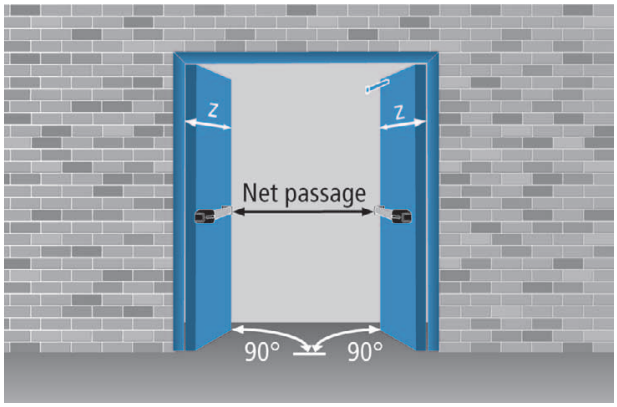
OPENING MEASUREMENTS AND OVERALL DIMENSIONS WITH 90 DEGREE OPENING

One-leaved doors with panic bar



NOTE
Handles and door closers may obstruct full 90° or 180° opening.

Two-leaved doors with panic bars

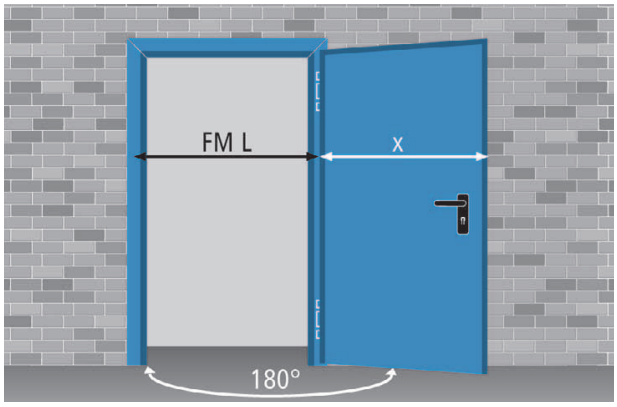


Net passage calculation

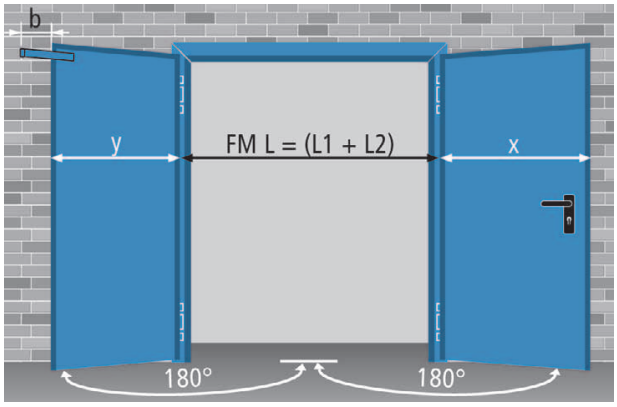
panic bar type	protrusion	one-leaved door	two-leaved door	one-leaved door with block frame	two-leaved door with block frame
EXUS	125	FML - 245	FML - 410	Opening - 315	Opening - 480
TWIST	100	FML - 220	FML - 360	Opening - 290	Opening - 430
SLASH	75	FML - 195	FML - 310	Opening - 265	Opening - 380
FAST TOUCH	75	FML - 195	FML - 310	Opening - 265	Opening - 380
without panic bar	-	FML - 120	FML - 160	Opening - 190	Opening - 230
z = leaf protrusion relative to the wall		FML + 27	L1 + 35, L2+75		

OVERALL DIMENSIONS WITH 180 DEGREE OPENING

One-leaved door
x = FML - 7



Two-leaved door
x = L1 + 1 y = L2 + 42
b = max. 130 (only in the presence of a panic bar or M14 handle)



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

PROGET - GENERAL NOTES
All rights reserved.
No reproduction (partial or total) without prior authorization by Ninz.
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
For NINZ doors

NINZ® FIREDOORS

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

Group 03:

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

*requires pre-approval of a sample.

Painting
For NINZ doors

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.

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.

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.

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).

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.

NDD® - Ninz Digital Decor

Digital printing for NINZ doors

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 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.

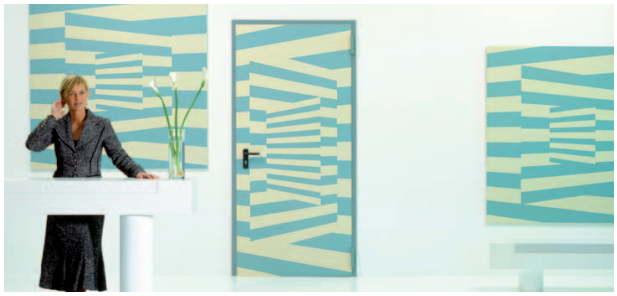
Laboratory testing executed on NDD® samples	result
500 h exposure test in salt fog	good performance, no sign of deterioration encountered
500 h humidity resistance test	good performance, no deterioration or loss of surface shine
500 h UVA radiation resistance test	good performance, no deterioration or 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

NDD® - Decoration groups - www.ninz.it

Digital printing for NINZ doors

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.

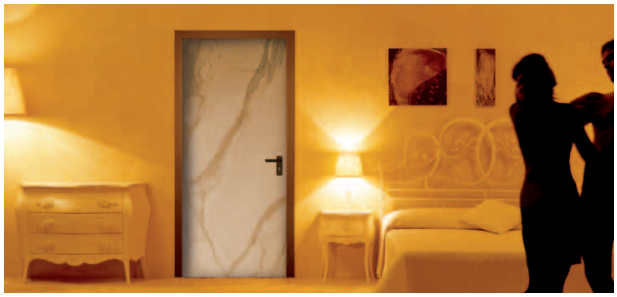


REFINEMENTS Contains an infinite number of NDD decorations and textures created on customer request and available and useable for a diverse variety of applications.

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.

NDD® - Specifications

Digital prints for NINZ doors

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, requitre 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.

NINZ DIGITAL DECOR

MORE THAN FIREDOORS

NDD® - Example applications
In different environments

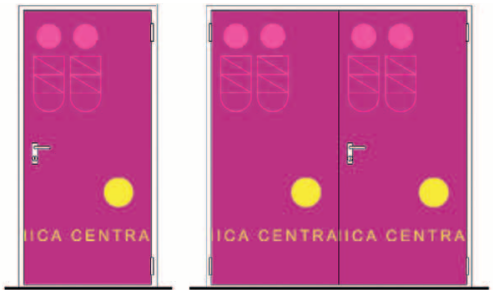
EXAMPLE APPLICATIONS IN TYPICAL SURROUNDINGS

Airports - Train stations

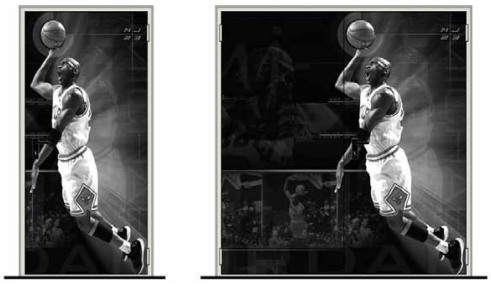
Museums – Historical buildings

Commercial businesses

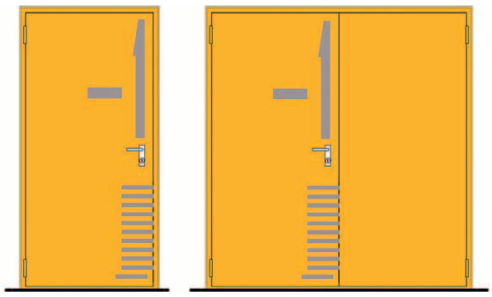
Hospitals – Nursing homes



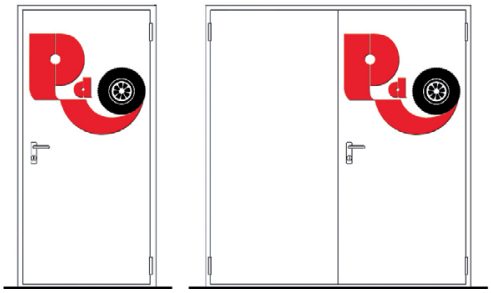
Sport centers – Stadiums



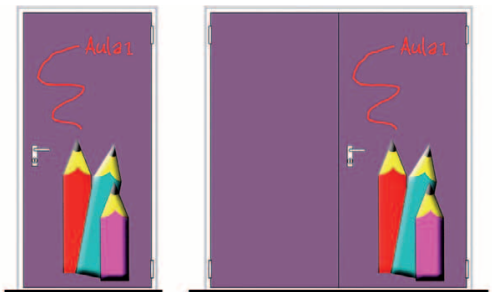
Parking lots



Logistic centers



Schools - Universities



Hotels – Residences

Offices

Black plastic handles

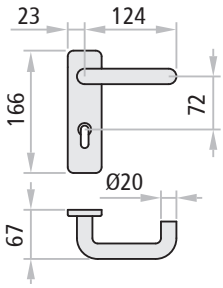
Standard for REVER - UNIVER - PROGET doors

DOOR HANDLES

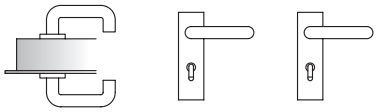
By default Rever, Univer and Proget doors include safety levers coupled with long backplates with cylinder holes. Each handle set includes a patent key insert, a 9 x 9 square spindle, fastener screws and spacers.
M1 handles are fire rated consisting of a metal core inside the lever and a galvanized steel cover plate to protect the cylinder hole.
The M1 handles have been certified in accordance with DIN 18273:1997-12.

M1 HANDLE

Fire rated Univer and all Proget doors are equipped by default with M1-type handles.
The M1 handle package includes: a pair of black plastic lever with metal cores and galvanized steel installation plates, a pair of black plastic backplates with patent-type cylinder hole adaptable for installation of Euro profile cylinders, a 125 mm long 9 x 9 square spindle, fastener screws and spacers. The package includes also the hexagonal key for setting of the hinges and fastening of the spring screw.



M1 plastic handle

Version	description	functioning	use
M1 	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

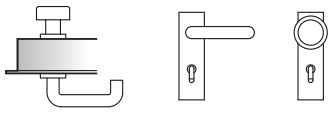
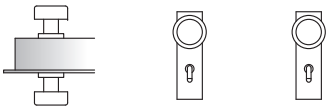
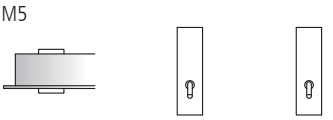
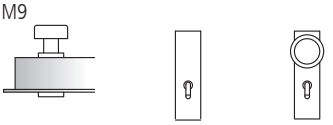
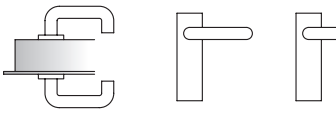
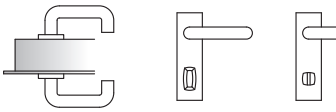
NOTE
Handles are considered to be accessories and are not pre-assembled. Cylinders need to be ordered separately (except for Secur handles).

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.

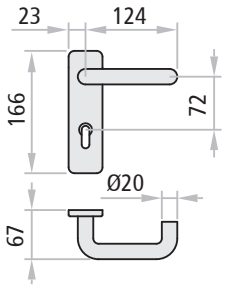
Colored handles - Stainless steel handles

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.

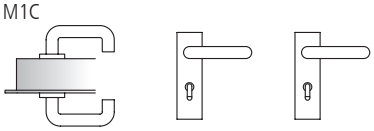
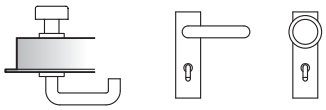
M1C colored RAL1023



Colors available:

RAL 1023	RAL 7016	RAL 7035	RAL 9006*	RAL 9010

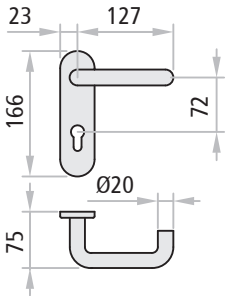
*light aluminum

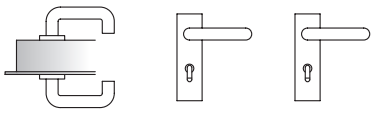
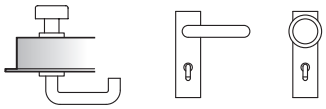
Versions	description	functioning	use
M1C 	handle/handle combination with cylinder hole on both sides. For combination with locks with an inter-axis distance of 72mm (015)	door opening by handle or key from both sides	applications in which both door opening directions are accessible without a key
M2C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

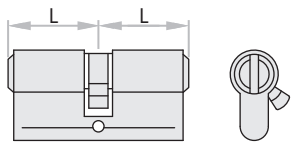
NOTE
The M2C and M2X models are not combinable with the 3 point locking mechanism. Handles are considered as accessories and require assembly. Cylinders need to be ordered separately.

Cylinders
For REVER - UNIVER - PROGET doors

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)



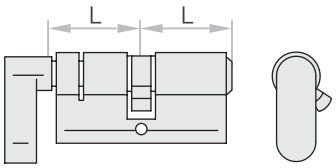
Double nickel-plated cylinder equipped with 3 keys

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

Lengths available	for door leaf thickness
40/40	60 mm
35/35	50 mm
30/30	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 thumb-turn 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	for door leaf thickness
40/40	60 mm
35/35	50 mm
30/30	40 mm

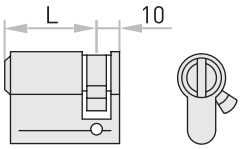
NOTE
Cylinders are considered to be accessories and assembly is required.
Cylinders to be combined with locks of NINZ doors must meet DIN 18254 standards.
Main, master and/or emergency key (or keys) should be ordered separately - they are not included with the cylinder.

Cylinders
For REVER - UNIVER - PROGET doors

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)



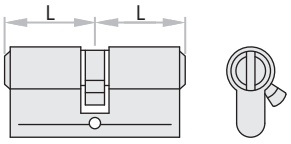
Half nickel-plated cylinder equipped with 3 keys

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
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
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.

Cylinders, Keys
For REVER - UNIVER - PROGET doors

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.

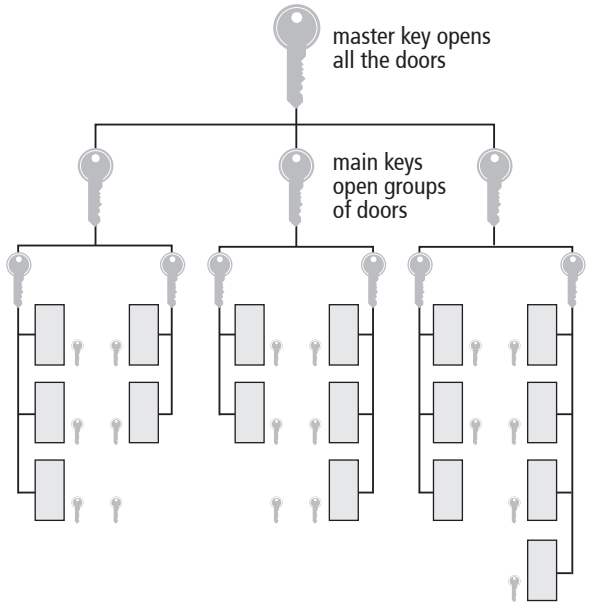
2) Single coded
Cylinders with the same keys.

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 closers
For REVER - UNIVER - PROGET doors

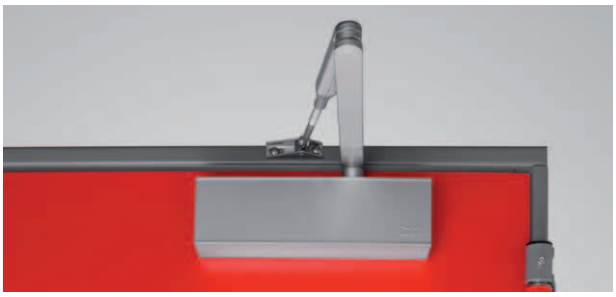
DOOR CLOSER

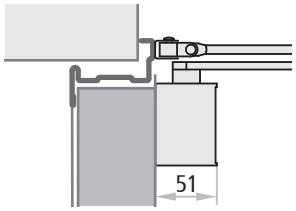
The door closer regulates the closure of the door so that the door leaf returns properly to its final closed position after being released.

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.

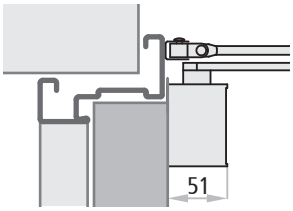
CP1 with scissor arm

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 Univer and Proget doors include internal reinforcements for the CP1 application.

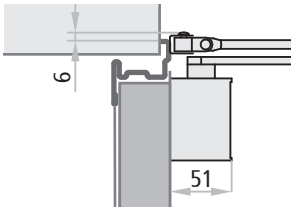




CP1 UNIVER



CP1 PROGET



CP1 REVER

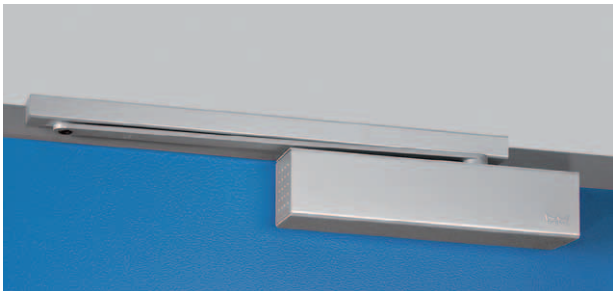
Optional colors:

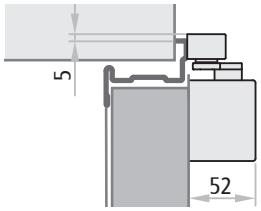
dark bronze	RAL 9016 white	RAL 9005 black

NOTE
Arm protrusion = 290 mm

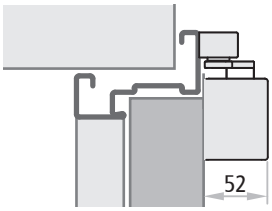
CP2 with slide channel

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 Univer and Proget doors include internal reinforcements for the CP2 application.

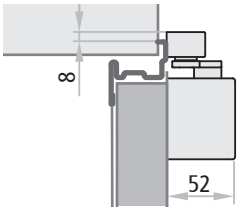




CP2 UNIVER



CP2 PROGET



CP2 REVER

Optional colors:

dark bronze	RAL 9016 white	RAL 9005 black

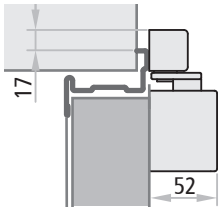
Door closers
For UNIVER - PROGET doors

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

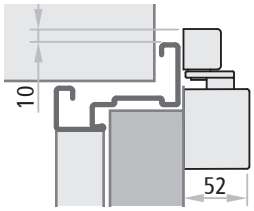
CE marked in conformity with EN 1154 and EN 1155.
The CP2–EMF differs from the CP2 in that it has an electro-mechanical hold-open device that allows the door leaf to be locked at an angle ranging from 80° to 120°. During alarms or power outages, the hold-open device is unlocked and the door is closed 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 and Proget doors include internal reinforcements for the CP2-EMF application.

Optional colors:

	RAL	RAL
dark bronze	9016 white	9005 black



CP2 EMF UNIVER



CP2 EMF PROGET

	maximum opening in the absence of obstacles						
Model	**one-leaved door**	**active leaf**	**secondary leaf**	**power supply**	**absorption**	**CE certification**	**standard**
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-0051 0432-BPR-0025	EN 1154 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

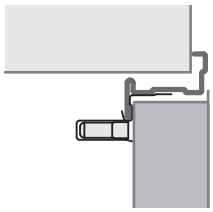
Closing regulators administer the closure of two-leaved doors so that the secondary leaf is overlaid on the active leaf upon final closure. This is why it is mandatory to apply closing regulators to all two-leaved fire doors.

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

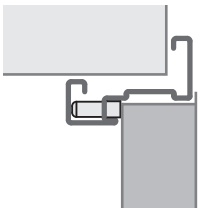
Closing regulators are addressed by EU directive 89/106/CEE, which means they are subject to CE marking.

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



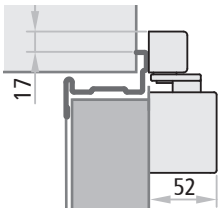
PROGET

RC2 system

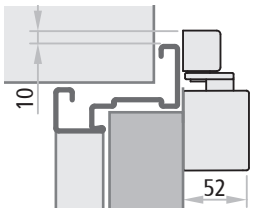
CE marked in conformity with EN 1154 and EN 1158.
On request, two-leaved Univer and Proget doors are available with an RC2 regulator in place of the RC/STD.
The RC2 closing regulator system is incorporated into the door closer, and consists of 2 CP2 with force EN 4 with a slide channel and a regulator 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 predrilled 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

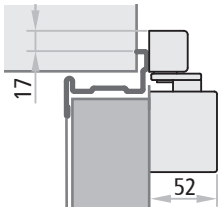
Closing regulators
For UNIVER - PROGET fire doors

RC2–EMF1 SYSTEM

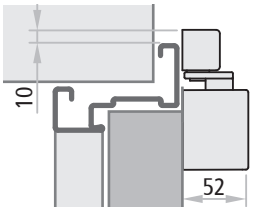
CE marked in conformity with EN 1154, EN 1158 and EN 1155.
The RC2–EMF1 system differs from the RC2 in that it has an electro-mechanical hold-open device that allows the door leaf to be locked at an angle ranging from approx. 80° to 130°. The active leaf is held open by the closing regulator system. 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:

dark bronze	**RAL** 9016 white	**RAL** 9005 black

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

ATTENTION

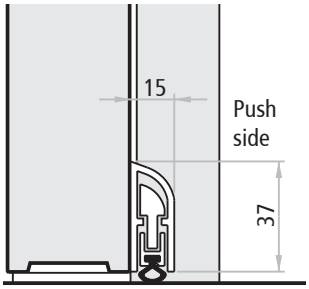
In case of opening of the door at an angle of more than 90° and hindered by a wall or other impediments, in order to avoid any damages to the handles and door closer or the leaf itself, the customer shall provide to install a door stopper to the floor or onto the wall. This is applicable also for doors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

Automatic door sweep

For NINZ doors

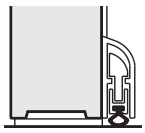
AUTOMATIC DOOR SWEEP

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

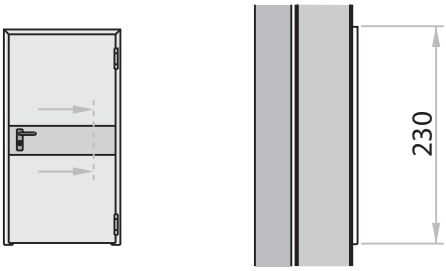
FM L one-leaved door	L1 active leaf	L2 passive leaf	seals to be used
from 500 to 520 mm	from 500 to 520 mm	from 350 to 435 mm	L 430 mm
from 521 to 620 mm	from 521 to 620 mm	from 436 to 535 mm	L 530 mm
from 621 to 720 mm	from 621 to 720 mm	from 536 to 635 mm	L 630 mm
from 721 to 820 mm	from 721 to 820 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

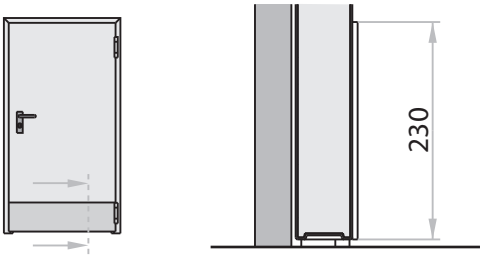
For NINZ doors

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



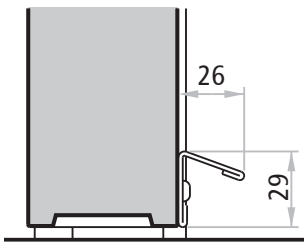
Kick plates

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.



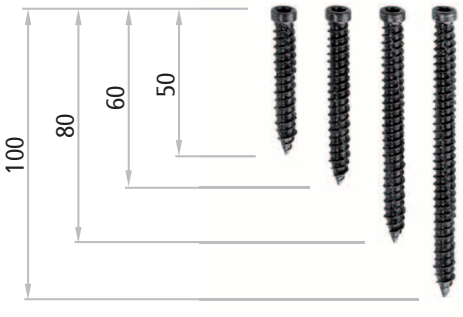
Lengths available	FM L door leaf
710 mm	to 800
810 mm	to 900
910 mm	to 1000
1260 mm	to 1350

Wall screws - Subframe

For NINZ doors

WALL SCREWS FOR FASTENING WITHOUT PLUGS

Field of use: installation of Proget insulated or multipurpose doorframes to the wall or subframe using screws but no plugs. Designed for installation into concrete, full bricks, half-full bricks, lightened cement and other materials.
Advantages: saves time and money thanks to direct attachment of the frame to the wall, with no need to enlarge the holes for plugs. Thanks to the black galvanization, the screws blend in smoothly with the FC sealing.



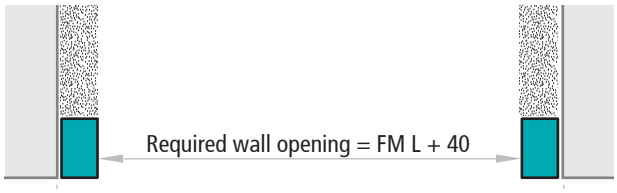
Dimensions	description
Ø 7,5 x 50 mm	for attachment to metal subframes
Ø 7,5 x 60 mm	for attachment to concrete and especially thick walls
Ø 7,5 x 80 mm	for attachment to walls of average thickness
Ø 7,5 x 100 mm	for attachment to walls of lower thickness

NOTE

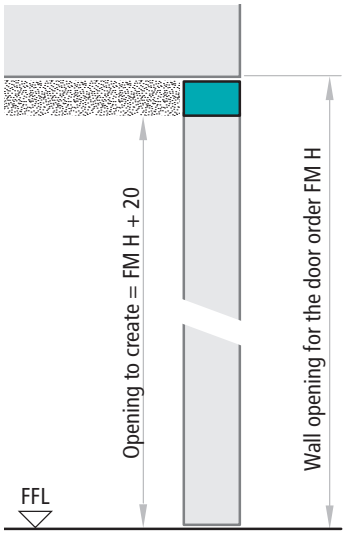
Holes should be drilled using a Ø 6 mm stone drill bit.

SUBFRAME

Subframe (to be ordered) in hollow 30x15x2mm steel profiles (recommended for REI 120 Proget doors) equipped with anchors for mortar fixing and spacers that are to be removed during final installation.



Horizontal cross section



Vertical cross section

MAC® Multifunctional Access Control

Controlled opening system

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 a optional remote LED (not supplied) for remote signaling of lock activation/deactivation

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.

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^2 and must be flexible.

Plastic handle with LEDs

Stainless steel handle with LEDs

Double electrical contacts between leaf and doorframe

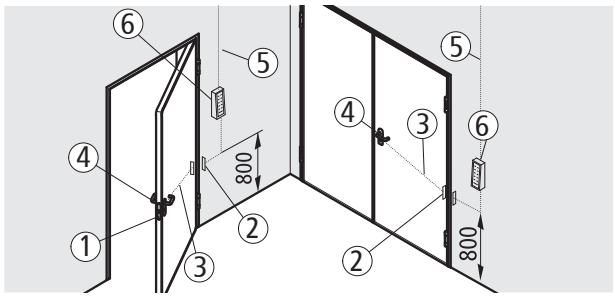


Diagram of components

MAC® Multifunctional Access Control

Controlled opening system

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.

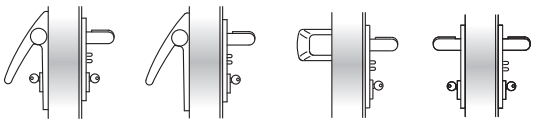
Time mode

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).



EX DC BM | EX/TW BM | SL BM | M3

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.

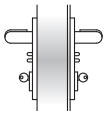
Time mode

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).



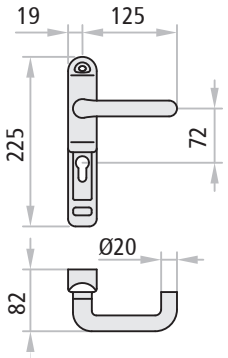
M1

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^2 and must be flexible.

Electric handles
Controlled opening system

ELM/MT MULTI-VOLTAGE ELECTRIC HANDLE



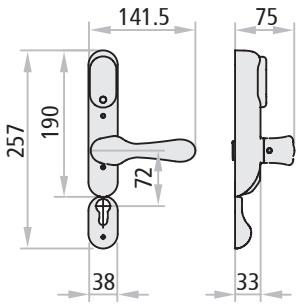
Controlled door opening system that employs an electronic device to activate the handle. The latter is equipped with an internal timer with a 30 seconds time allowance for opening the door, after which the electric handle is deactivated. The handle can be activated for longer time periods by means of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

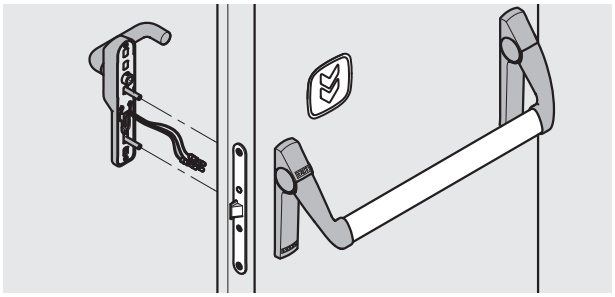
Technical data	
power supply	12-24V AC/DC
current absorbed	330mA
startup current	800mA
operational temperature	-20°C ÷ +80°C
max. relative ambient humidity	95%

NOTE
The electric handle requires assembly.

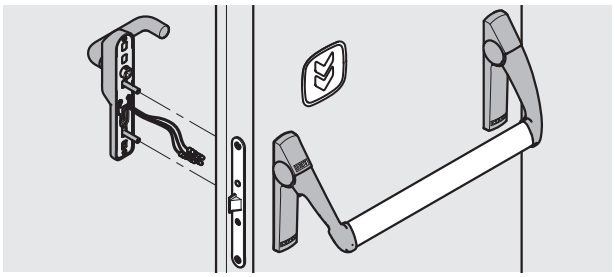
Electric handles
Controlled opening system

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

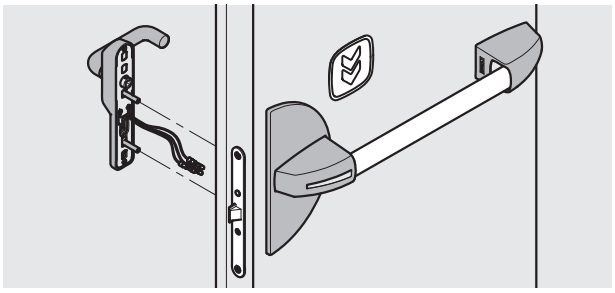
Panic bars
The controlled opening direction is from the pull side of the door (electric handle side). Locking the lock by key blocks the electric handle functioning, while opening is still possible via the panic bar on the push side.
Use: one- or two-leaved doors for anti-panic exits when access control is desired on the pull side.



Twist

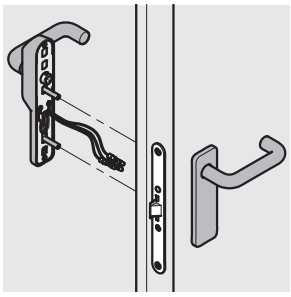


Exus



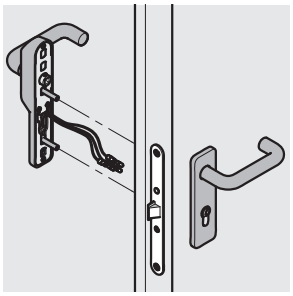
Slash

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.



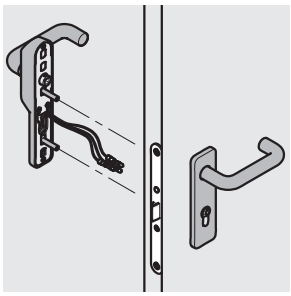
MSC

MCC/S 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/S

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.

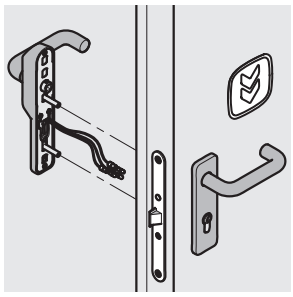


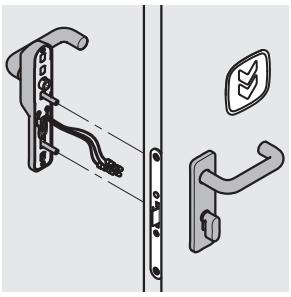
MCC/T

Electric handles
Controlled opening system

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

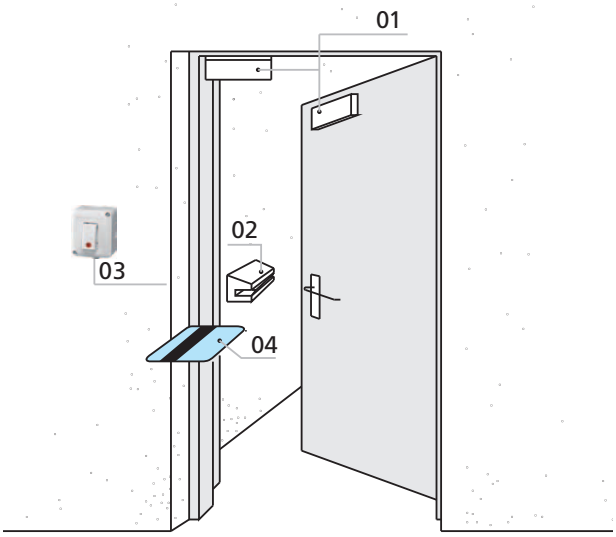
Controlled opening system

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

Power supply/command accessories

For MAC®- ELM/mt- ELM/cisa- Door blocking electromagnet-controlled opening systems

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.

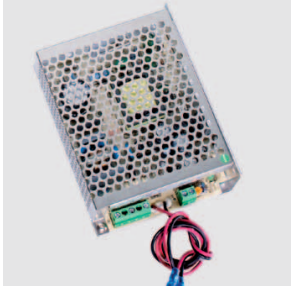
Unlock button

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 *

* provided that they are not commanded simultaneously



Power supply switching 12V DC-3A

Door-holding systems
For fire doors and gates

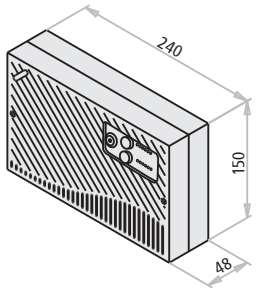
C2 MONO-ZONE MICROPROCESSOR

Certified in accordance with EN 54-2 and EN 54-4 standards.
The processor was designed and built in conformity with UNI EN 54 standards, which regulate processors for fire alarms and related accessories which each must conform with EN 54 standards.

Technical data

model	52002
primary power supply	230V AC, 100mA, 50-60Hz
auxiliary power supply	2 batteries, 12V DC - 1,1 ÷ 1,3 Ah
„I" current	min. 264mA ÷ max. 424mA
maximum output current battery	300mA
buffer battery charger output	24V DC (27.6V DC)
protection rating	IP30
operational temperature	-5°C ÷ +40°C
operational zones	single zone (mono-zone)
acoustic alarm	internal buzzer
"low battery" signal	intermittent internal buzzer
CE certification	0051-CPD-0264
conformity with standards	EN 54-2 +A1:2006 EN 54-4:1997 + A1:2002 + A1:2006

ATTENTION
According to standard EN 54-4, it is obligatory for the mono-zone processor to be equipped with:
- Nr. 1 heat/smoke detector RFC certif. EN 54-7
- Nr. 1 pair of buffer batteries
- Nr. 1 external electronic siren certif. EN 54-3
- Nr. 1 alarm activation button certif. EN 54/11
- Nr. 1 fire/failure alarm deactivation button



This is a control unit which administers the door-holding electromagnets for fire doors, where standards require consideration of every possible and imponderable event that could happen during normal functioning. The following, therefore, are subject to constant monitoring: all exits towards the smoke and heat detectors, the alarm and reset buttons, the external siren and the charge of the two batteries. The microprocessor itself, which functions as the brain of the system, is constantly monitored at regular intervals by a specific system routine that checks for proper functioning of the operational software. Any hitches, breakdowns or malfunctions are signaled by one of the ten LED diodes on the front panel, and the internal buzzer provides an additional acoustic signal for specific cases. Alarm or breakdown situations can then be reset at three different levels depending on the seriousness of the event: by a button located near the microprocessor, by a first button on the front of the microprocessor unit and by a second button on the same panel that requires key selector activation (key in possession of the safety manager). A fourth reset level is then supplied for the circuit only (operation executable by authorized technical personnel only).

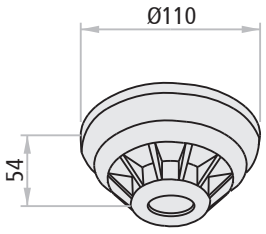
MANAGES
- max. Nr. 5 RFC heat/smoke detectors
- max. Nr. 5 alarm activation buttons
- max. Nr. 2 electronic sirens
- Nr. 4 EM or EMP or EMr electromagnets
- Nr. 2 buffer batteries

RFC HEAT AND SMOKE DETECTOR

Certified in accordance with UNI EN 54-5 and EN 54-7 standards.
RFC heat and smoke detector characterized by white ABS casing. Optical/thermic operation with intervention temperature to be set between 54 and 65°C. To ensure proper functioning, the detectors must be subjected to regular 6-month maintenance checks. Please note that it is inadvisable to position the sensor where strong air currents are present.

Technical data

operational voltage	10 ÷ 30V DC, typically 24V DC
consumption at rest, at 24V DC	70µA
absorption of alarm at 24V DC	50mA



Technical data

operational temperature	-40°C ÷ +60°C
conformity with	EN 54-5, EN 54-7 standards

BUFFER BATTERIES

Pair of rechargeable buffer batteries, 12V DC - 1.2Ah

NOTE
All DOOR-HOLDING SYSTEMS are supplied in separate packaging and require on-site assembly.

Door-holding systems
For fire doors and gates

ELECTRONIC SIREN

Includes a volume control function for installation in internal and external environments. The connection is made using double clamps (6) for branching.

Technical data	
power supply	9 ÷ 28V DC
absorption by alarm at 12V DC	8mA
absorption by alarm at 24V DC	16mA
protection rating	IP65
operational temperature	-25°C ÷ +70°C
conformity with standard	EN 54-3

With 28 or 32 selectable tones and a second tone for two-phase alarms.

Dimensions:
Ø 91 x 91mm.

ALARM ACTIVATION BUTTON

Pressure on the plastic front plate activates the electrical contact. Re-arming of the contact is executed manually using a key (provided).

Technical data	
power supply	max. 30V DC
protection rating	IP41
operational temperature	max. +65°C
internal exchange contact	n.o./n.c.
conformity with standard	EN 54-11

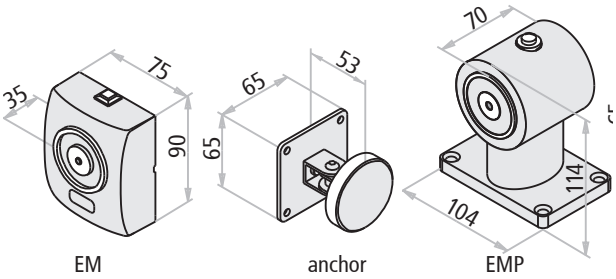
In red color ABS with a weight of 110 gr.

Dimensions:
99 x 95 x 43mm.

EM-EMP ELECTROMAGNETS

EM wall electromagnet with white plastic casing, EMP floor electromagnets consisting of a galvanized metal core, both complete with unlock button. Anchor consisting of a nickel-plated plate and jointed baseboard.

Technical data	
power supply	24V DC
absorption	60mA
minimum withstand force	55kg.
CE certification	0407-CPD-011 (IG-098-2004) /04
conformity with standard	EN 1155



EM anchor EMP

EMr ELECTROMAGNET

EMr electromagnet does not feature an unlock button as the unlocking is to be done manually by pulling the leaf. The holding force is 50kg, while the release force may be set between 4 and 12kg. This avoid damaging the fixure of the electromagnet on the wall (ripping off the plugs) in particular when mounted onto plasterboard. Housing made of stainless steel.

Technical data	
electromagnet overall dimensions	Ø 90 - H 40 mm
anchor protrusion	H 40 or H 80 mm
power supply - absorption	24V DC - 60mA
withstand force - release force	50kg. - settable between 4 and 12kg.
CE certification	0407-CPD-095 (IG-208-2006)
conformity with standard	EN 1155

NOTE
All DOOR-HOLDING SYSTEMS are supplied in separate packaging and require on-site assembly.

Emergency exit devices

NINZ

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_2$120 - REI120 and smoke resistance, handle protrusion of 65 mm

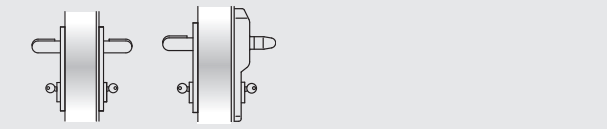
Applications

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.

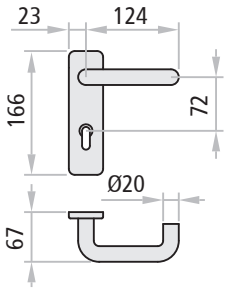
VERSIONS AVAILABLE



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_2$120 - REI120 and smoke resistance, handle protrusion of 75 mm

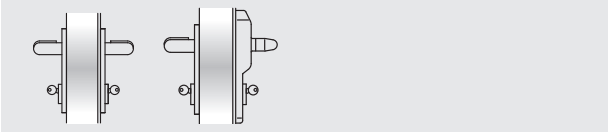
Use

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.

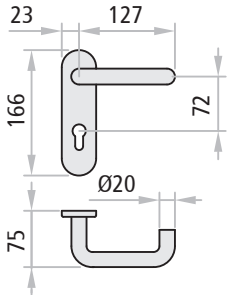
VERSIONS AVAILABLE



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

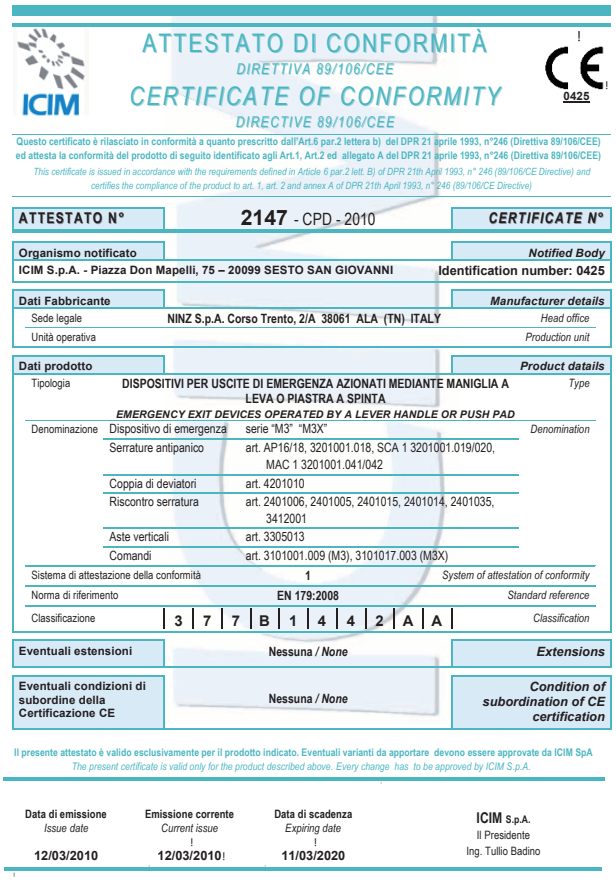
M3, M3X CERTIFICATIONS

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

CE

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	**3 7 7 B 1 4 4 2 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 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



ICIM

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 datails***
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 "M3" "M3X" — *Denomination*
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*** — ***Extensions***
Eventuali condizioni di subordine 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*	
12/03/2010	**12/03/2010**	**11/03/2020**	**ICIM S.p.A.** Il Presidente Ing. Tullio Badino

HOT-CIL Emergency handle

Emergency handle for internal locks - EN 179:2008

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_2$120 - REI120 and smoke resistance, handle protrusion of 65 mm

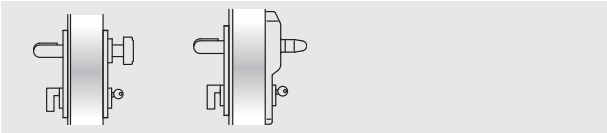
Use

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.

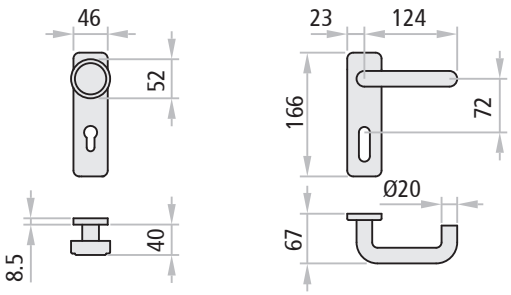
Operation mode

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

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 EI²120 - REI120 and smoke resistance, handle protrusion of 75 mm

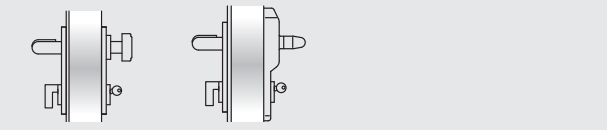
Application

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.

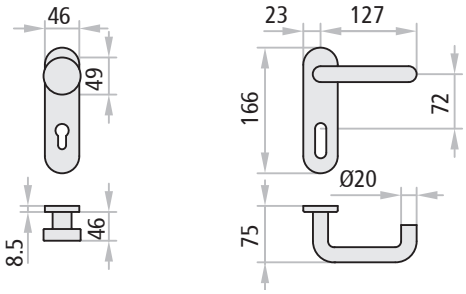
Operation mode

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.

VERSIONS AVAILABLE



HOT-CIL-X HOT-CIL-X ELM/mt



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.

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.

CE

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	**3 7 7 B 1 4 4 2 A D**

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

ICIM

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°	**2149** - 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 datails***
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 antipanico: 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*
Eventuali estensioni	**Nessuna / *None***	***Extensions***
Eventuali condizioni di subordine 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*	
12/03/2010	**12/03/2010**	**11/03/2020**	**ICIM S.p.A.** Il Presidente Ing. Tullio Badino

M14 emergency handle

Emergency handle for insertion in lock - EN 179:2008

PROGET
fire doors

M14 IN BLACK PLASTIC

Description

Lever handle for emergency exit:

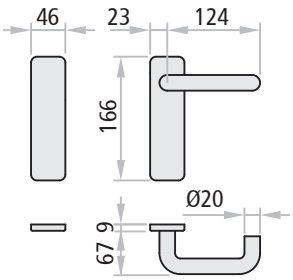
- Reversible for right or left opening
- For application to the secondary leaf of two-leaved doors located at emergency exits
- Suitable for Rever/Univer/Proget doors and other types of emergency exit doors
- The lever and plate are both made of black plastic, while the core of the lever and the internal 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_2120
- 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

PROGET fire doors

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_2$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 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.

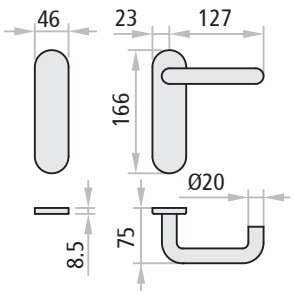
M14, M14X CERTIFICATION

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

CE

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.

ICIM

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°	**2148** - 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	**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*	*Type*
Denominazione	Dispositivo di emergenza: serie "M14" "M14X"	*Denomination*
	Controserrature antipanico: art. AP020P, AP020U, 3201001.006	
	Dispositivo superiore: art. 3105080, 3105024, 3305003	
	Riscontro asta: art. 2401046, 2401044, 2401002	
	Boccola pavimento: art. 2401001, 2401007, 3105091, 2401020	
	Aste verticali: art. 3305015, 3305016, 3305002, 3305005	
	Comandi: art. 3101001.008 (M14), 3101017.004 (M14X)	
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*
Eventuali estensioni	**Nessuna / *None***	***Extensions***
Eventuali condizioni di subordine 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*	
12/03/2010	**12/03/2010**	**11/03/2020**	**ICIM S.p.A.** Il Presidente Ing. Tullio Badino

EXUS®

PROGET
fire doors

Presentation
EXUS® panic bars

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 serious 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 **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.
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

Satinized STAINLESS STEEL handle

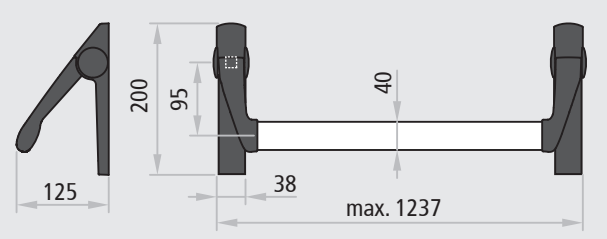
NOTE
By default external door furniture is provided with the same finishing as the panic bar.

EXUS® - Features, certifications
Panic bar

PROGET fire doors

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 evergreen 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

CE

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	**3 7 7 B 1 3 2 1 A A**

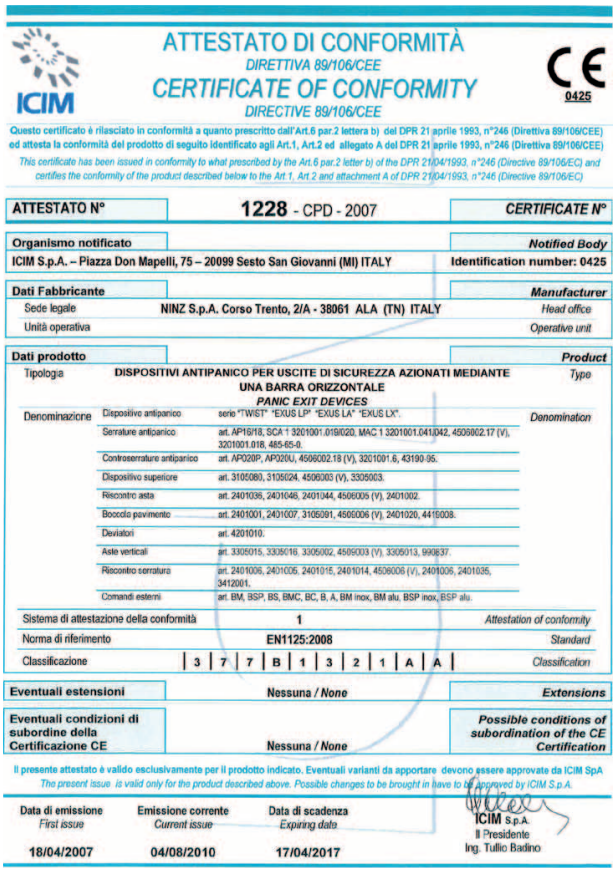
1st Category of use very frequent
2nd Durability 200.000 cycles
3rd Door mass over 200 kg
4th Suitable for fire/smoke rated doors
5th Safety, suitable for evacuation routes
6th High corrosion resistance 96 h
7th Material safety 1000 N
8th Bar protrusion up to 150 mm
9th Activation type with push bar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

EXUS®

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

Also suited for doors with fire ratings:

EI$_2$120 REI 120 smoke resistant



ICIM

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/EC) 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/EC)

ATTESTATO N°	1228 - CPD - 2007	CERTIFICATE N°
Organismo notificato		Notified Body
ICIM S.p.A. – Piazza Don Mapelli, 75 – 20099 Sesto San Giovanni (MI) ITALY		Identification number: 0425
Dati Fabbricante		Manufacturer
Sede legale	NINZ S.p.A. Corso Trento, 2/A - 38061 ALA (TN) ITALY	Head office
Unità operativa		Operative unit
Dati prodotto		Product
Tipologia	DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE PANIC EXIT DEVICES	Type
Denominazione	Dispositivo antipanico: serie "TWIST" "EXUS LP" "EXUS LA" "EXUS LX".	Denomination
	Serrature antipanico: art. AP1618, SCA 1 3201001.019/020, MAC 1 3201001.041/042, 4505802.17 (V), 3201001.018, 485-65-8.	
	Controserrature antipanico: art. AP020P, AP020U, 4506002.18 (V), 3201001.6, 43190-95.	
	Dispositivo superiore: art. 3105080, 3105024, 4506003 (V), 3305003.	
	Riscontro asta: art. 2401036, 2401046, 2401044, 4506005 (V), 2401002.	
	Boccola pavimento: art. 2401001, 2401007, 3105091, 4506006 (V), 2401020, 4415008.	
	Deviatori: art. 4201010.	
	Aste verticali: art. 3305015, 3305016, 3305002, 4505003 (V), 3305013, 990837.	
	Riscontro serratura: art. 2401006, 2401005, 2401015, 2401014, 4506006 (V), 2401006, 2401035, 3412001.	
	Comandi esterni: art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu.	
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 subordine della Certificazione CE	Nessuna / None	Possible conditions of subordination of the CE Certification

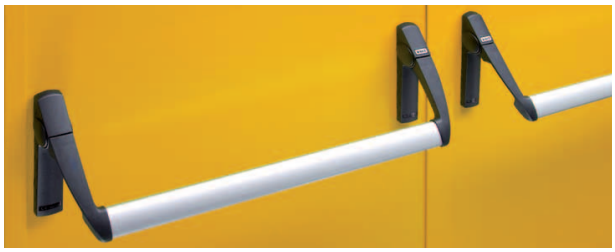
Il presente attestato è valido esclusivamente per il prodotto indicato. Eventuali varianti da apportare devono essere approvate da ICIM SpA
The present issue is valid only for the product described above. Possible changes to be brought in have to be approved by ICIM S.p.A.

Data di emissione First issue	Emissione corrente Current issue	Data di scadenza Expiring date
18/04/2007	04/08/2010	17/04/2017

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

EXUS® LP BLACK PLASTIC
Panic bar for internal locks - CE EN 1125:2008

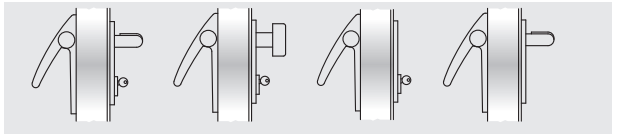
EXUS® LP IN BLACK PLASTIC



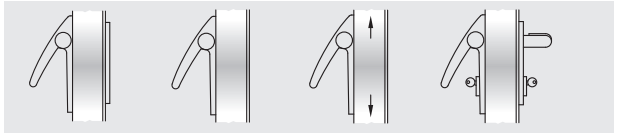
Description
The EXUS LP panic exit device consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms which activate the lock.

- 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

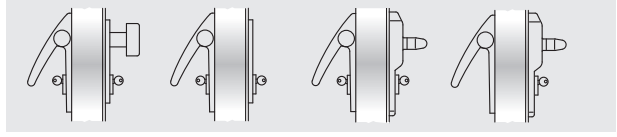
VERSIONS AVAILABLE



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): 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 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 ALUMINUM
Panic exit device for internal locks - CE EN 1125:2008

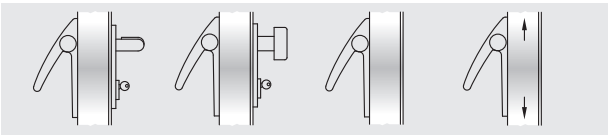
PROGET fire doors

EXUS® LA IN ALUMINUM

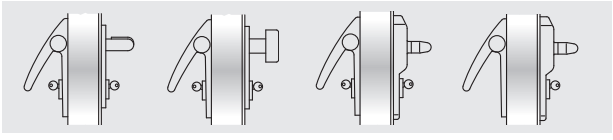
Description
The EXUS LA panic bar consists of an anodized aluminum horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- 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): 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 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

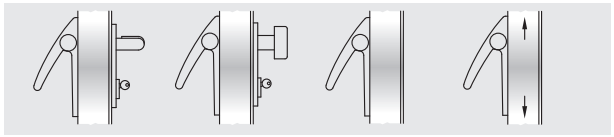
EXUS® LX STAINLESS STEEL
Panic exit device for internal locks - CE EN 1125:2008

EXUS® LX IN STAINLESS STEEL

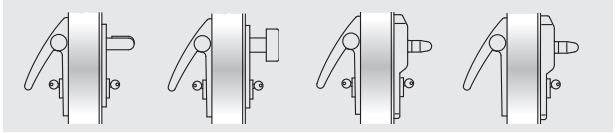
Description
The entire EXUS LX panic bar is made of stainless steel, and consists of a horizontal bar that inserts into lever arms attached to the command mechanisms which activate the lock.

- 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



BM BSP B A



DC BM DC BSP DC ELM ELM

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

Presentation
TWIST panic bars

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 an 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 a 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

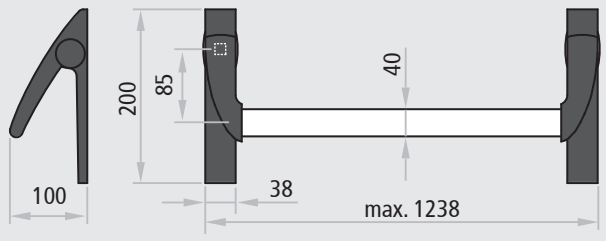
NOTE
The TWIST exit device series is combined with a black PLASTIC handle.

TWIST - Features, certifications

Panic bar

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$_2$120 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

ICIM

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/EC) 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/EC)

ATTESTATO N° 1228 - CPD - 2007 CERTIFICATE N°

Organismo notificato — Notified Body
ICIM S.p.A. – Piazza Don Mapelli, 75 – 20099 Sesto San Giovanni (MI) ITALY — Identification number: 0425

Dati Fabbricante — Manufacturer
Sede legale: NINZ S.p.A. Corso Trento, 2/A - 38061 ALA (TN) ITALY — Head office
Unità operativa — Operative unit

Dati prodotto — Product
Tipologia: DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE
PANIC EXIT DEVICES — Type

Denominazione — Denomination

Dispositivo antipanico	serie "TWIST" "EXUS LP" "EXUS LA" "EXUS LX".
Serrature antipanico	art. AP19/18, SCA 1 3201001.019/020, MAC 1 3201001.041/042, 4509002.17 (V), 3201001.018, 485-65-0.
Controserrature antipanico	art. AP020P, AP020U, 4506002.18 (V), 3201001.6, 43190.95.
Dispositivo superiore	art. 3105080, 3105024, 4506003 (V), 3305003.
Riscontro asta	art. 2401036, 2401046, 2401044, 4506005 (V), 2401002.
Boccola pavimento	art. 2401001, 2401007, 3105091, 4505006 (V), 2401020, 4415008.
Deviatori	art. 4201010.
Aste verticali	art. 3305015, 3305016, 3305002, 4509003 (V), 3305013, 990637.
Riscontro serratura	art. 2401006, 2401005, 2401015, 2401014, 4506006 (V), 2401006, 2401035, 3412001.
Comandi esterni	art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu.

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 subordine 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

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

TWIST

Panic exit device for internal locks - CE EN 1125:2008

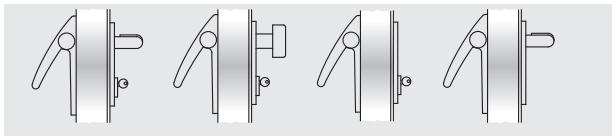
TWIST IN BLACK PLASTIC

Description

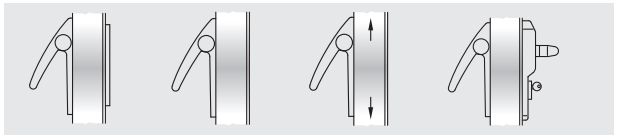
The TWIST plastic panic bar consists of an anodized aluminum horizontal bar that inserts into the lever arms attached to the command mechanisms used to activate the lock.

- 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 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)

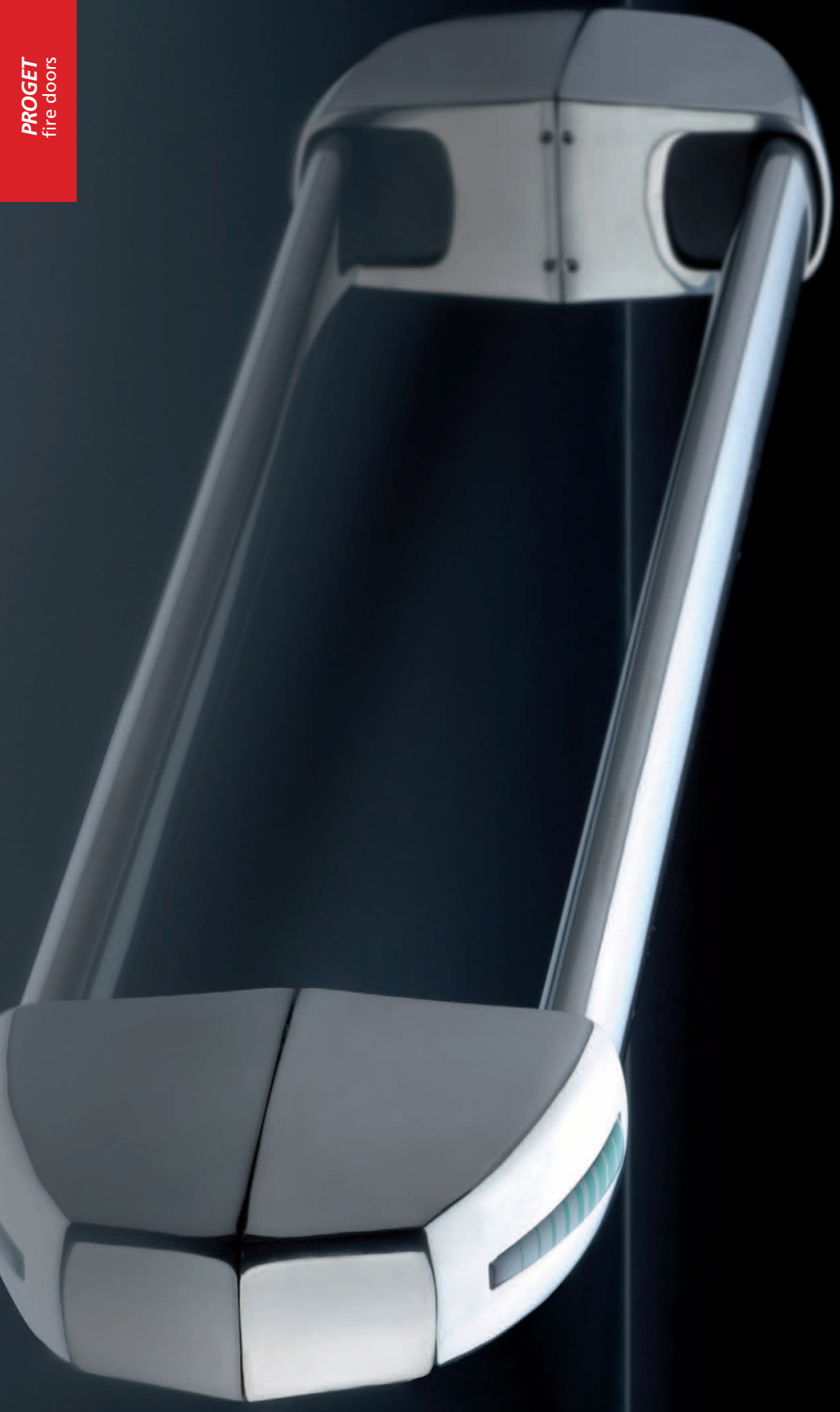
KIT for single leaf or the active leaf of two-leaved doors:
Please specify leaf thickness and door type - REVER, UNIVER or PROGET - in the order
KIT contents: Nr. 1 anti-panic lock with 65 mm entrance, Nr. 1 strike plate insert, Nr. 2 command mechanisms, Nr. 2 black plastic carter covers, Nr. 2 black 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): 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 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
fire doors



Presentation
SLASH panic bars

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 serious 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.

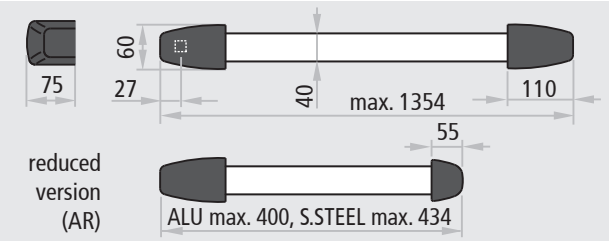
SLASH - Features, certifications

Panic bar

PROGET fire doors

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



Also suited for doors with classifications up to:

$EI_2$120 REI 120 smoke resistant

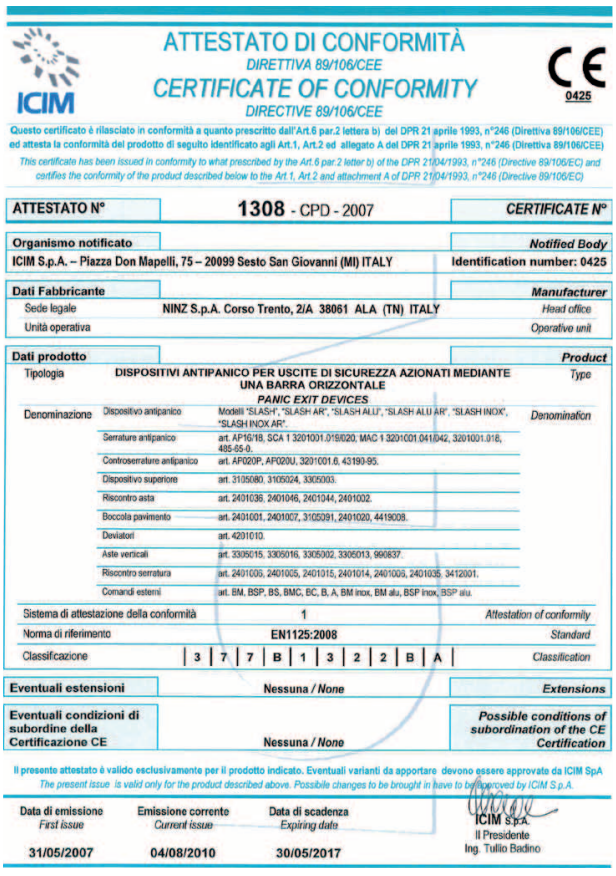
CERTIFICATION

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

CE

Denomination	SLASH 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.	1308-CPD-2007
Classification	**3 7 7 B 1 3 2 2 B 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 100 mm
9th Activation type with touch bar
10th Suitable for one- or two-leaved doors



ICIM

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/EC) 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/EC)

ATTESTATO N°	1308 - CPD - 2007	CERTIFICATE N°
Organismo notificato		Notified Body
ICIM S.p.A. – Piazza Don Mapelli, 75 – 20099 Sesto San Giovanni (MI) ITALY		Identification number: 0425
Dati Fabbricante		Manufacturer
Sede legale	NINZ S.p.A. Corso Trento, 2/A 38061 ALA (TN) ITALY	Head office
Unità operativa		Operative unit
Dati prodotto		Product
Tipologia	DISPOSITIVI ANTIPANICO PER USCITE DI SICUREZZA AZIONATI MEDIANTE UNA BARRA ORIZZONTALE / PANIC EXIT DEVICES	Type
Denominazione	Dispositivo antipanico: Modelli "SLAS-I", "SLASH AR", "SLASH ALU", "SLASH ALU AR", "SLASH INOX", "SLASH INOX AR".	Denomination
	Serrature antipanico: art. AP16/18, SCA 1 3201001.015/020, MAC 1 3201001.041/042, 3201001.018, 485-65-0.	
	Controserrature antipanico: art. AP020P, AP020U, 3201001.6, 43190-95.	
	Dispositivo superiore: art. 3105080, 3105024, 3305003.	
	Riscontro asta: art. 2401036, 2401046, 2401044, 2401002.	
	Boccola pavimento: art. 2401001, 2401007, 3105091, 2401020, 4419008.	
	Deviatori: art. 4201010.	
	Aste verticali: art. 3305015, 3305016, 3305002, 3305013, 990837.	
	Riscontro serratura: art. 2401000, 2401005, 2401015, 2401014, 2401009, 2401035, 3412001.	
	Comandi esterni: art. BM, BSP, BS, BMC, BC, B, A, BM inox, BM alu, BSP inox, BSP alu.	
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
Eventuali estensioni	Nessuna / None	Extensions
Eventuali condizioni di subordine 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
31/05/2007	04/08/2010	30/05/2017

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

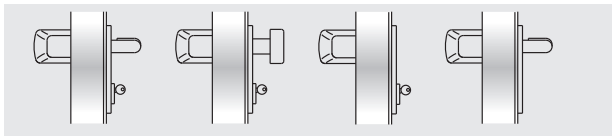
SLASH IN BLACK PLASTIC

Description

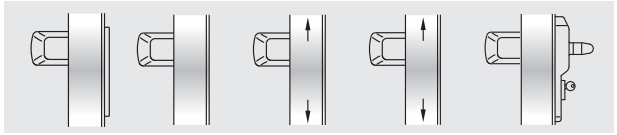
The SLASH panic bar consists of an anodized aluminum horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- 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): 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 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 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 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

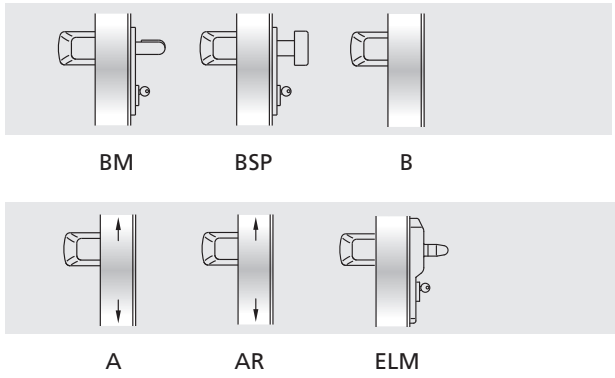
SLASH ALU ALUMINUM
Panic bar for internal locks - CE EN 1125:2008

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 STAINLESS STEEL

Panic bar for internal locks - CE EN 1125:2008

NINZ FIREDOORS

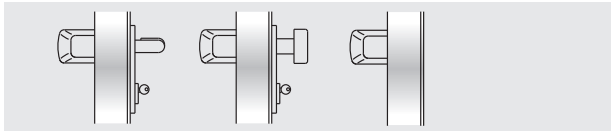
SLASH IN STAINLESS STEEL

Description

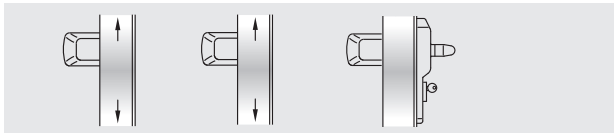
The SLASH STAINLESS STEEL panic bar consists of a stainless steel horizontal bar and an internal connection tube that inserts into the command mechanisms which activate the lock.

- Optimal corrosion and shock resistance
- State of the art aesthetics
- Secure attachment of carters
- 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): 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 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

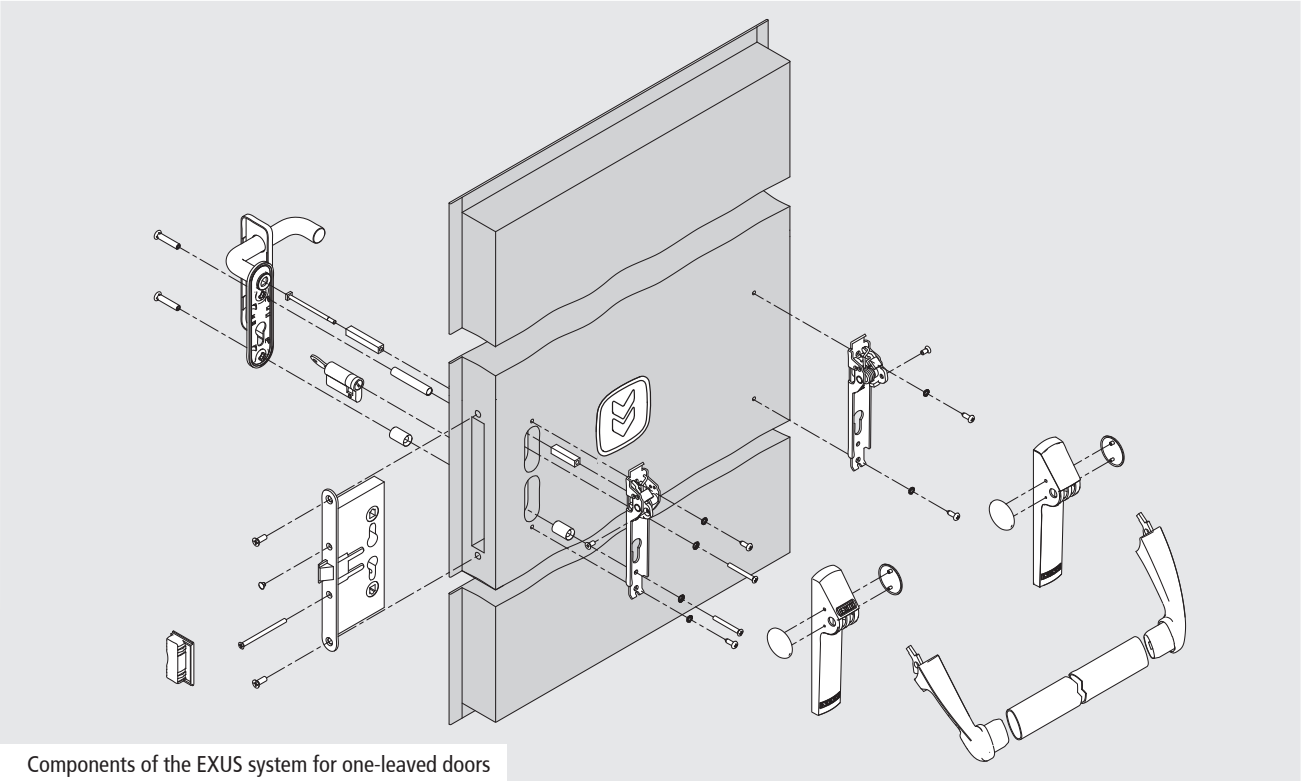
KIT for the passive leaf of two-leaved doors and suited for other types of multipurpose doors and for substitution of non CE marked panic bars (PROGET doors):
KIT contents: Nr. 1 anti-panic safety lock with 80 mm entrance, Nr. 2 command mechanisms, Nr. 2 stainless steel cover plates, Nr. 1 stainless 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

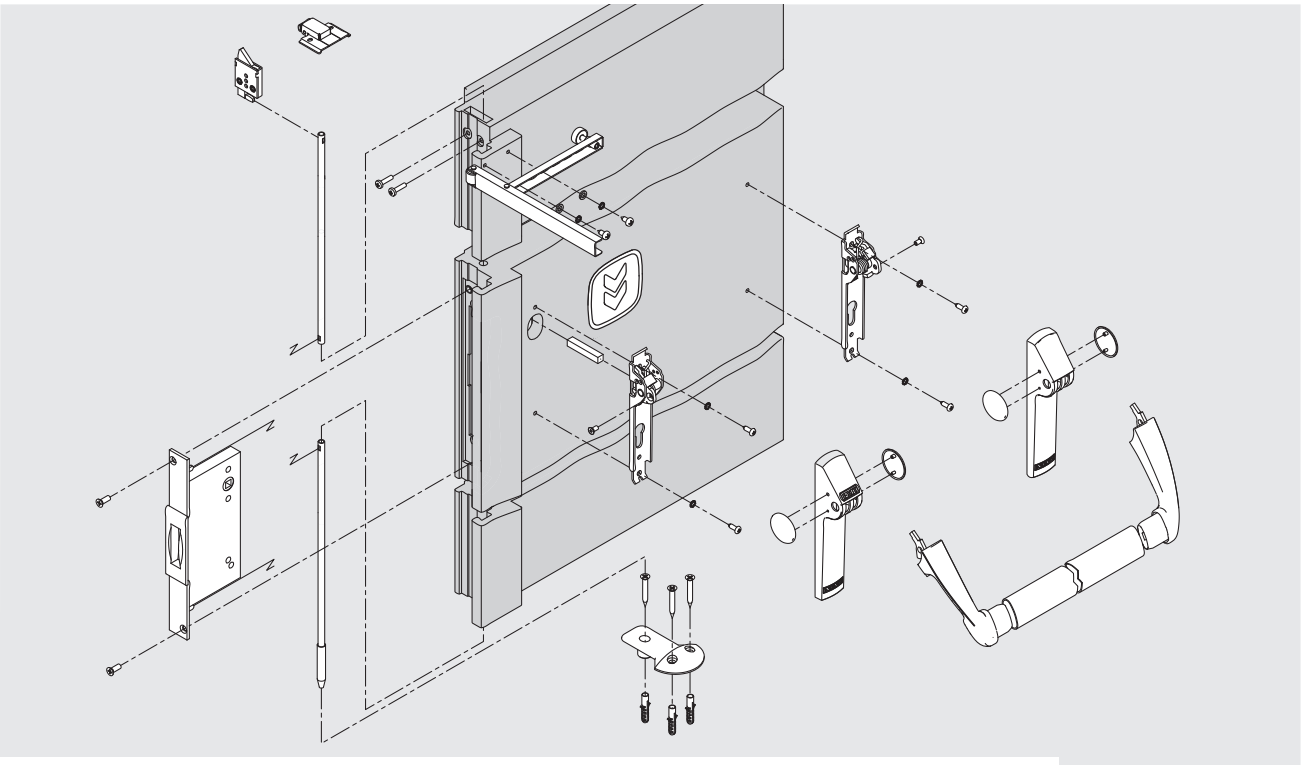
Panic bars - System components

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.



Components of the EXUS system for one-leaved doors



Components of the EXUS system for the passive leaf of two-leaved doors - Carrier arm only in case of fire rated doors

Variations on request
For panic bars

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 1023	RAL 7016	RAL 7035	RAL 9006*	RAL 9010

*light aluminum

BM colored RAL1023

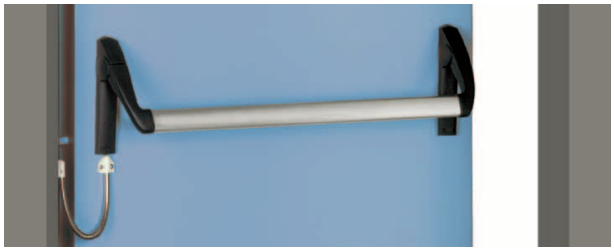
BSP colored RAL1023

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.

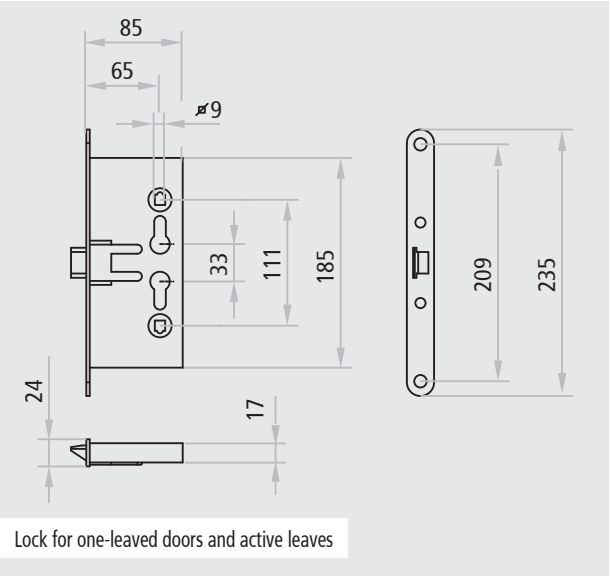
MAC1:
- **powered at 12-24 V AC/DC**
- **250 mA absorption with startup at 500 mA at 12V or max. 1A at 24V**
- **timer incorporated, time set at 30 seconds**
- **possibility for continuous handle activation (open setting)**

Handle for MAC1 lock with LEDs

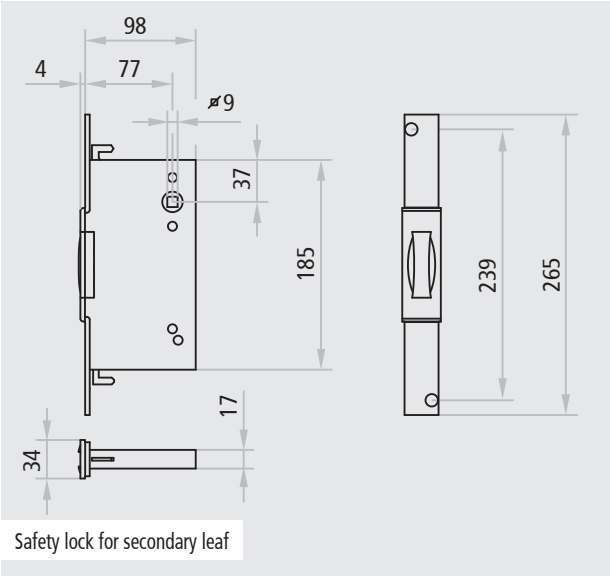
For sizes, information and technical data consult the dedicated pages

Dimensional drawings
For panic exit device components

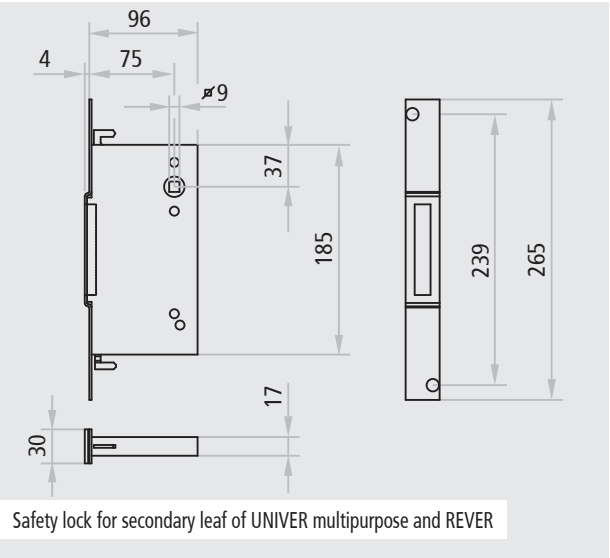
Article Nr.	Description
3201001.016	Lock for one-leaved doors and active leaves (AP 16/18)
3201001.024	Safety lock for secondary leaves (AP 020 P)
3201001.008	Safety lock for secondary leaves of UNIVER multipurpose and REVER (AP 020 U)
3201001.041	MAC1 Left lock
3201001.042	MAC1 Right lock
2401001.001	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



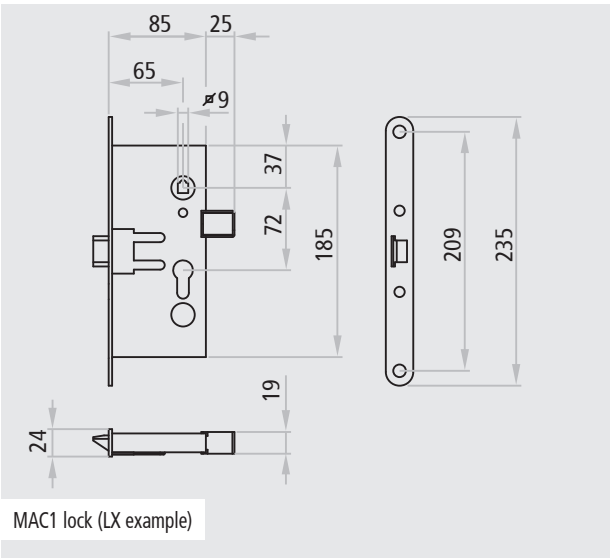
Lock for one-leaved doors and active leaves



Safety lock for secondary leaf

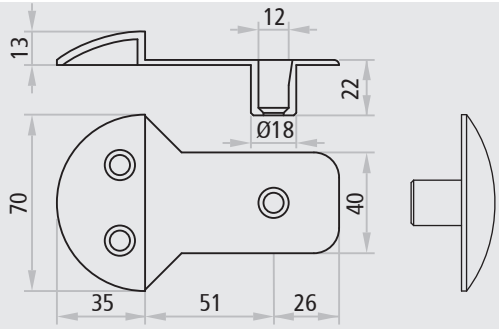


Safety lock for secondary leaf of UNIVER multipurpose and REVER

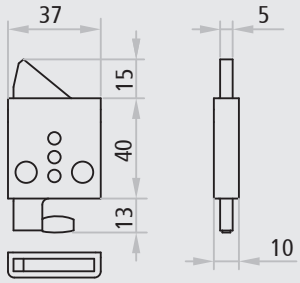


MAC1 lock (LX example)

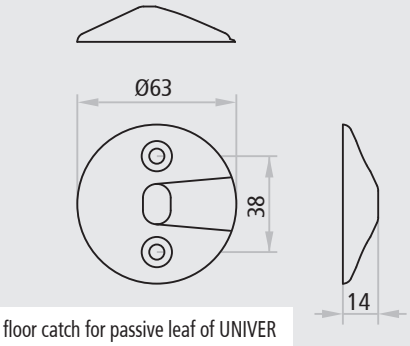
Dimensional drawings
For panic exit device components



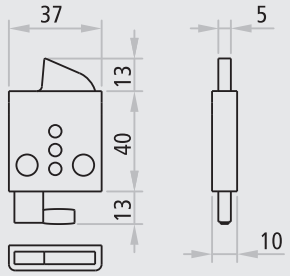
Lower floor catch for passive leaf of PROGET and other multipurpose doors



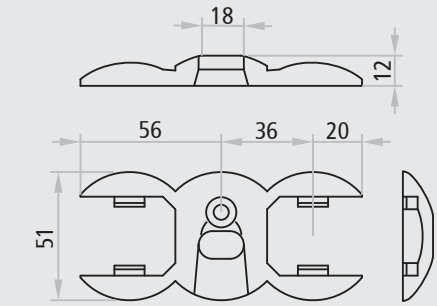
Upper re-latch device for secondary leaf of PROGET and other multipurpose doors



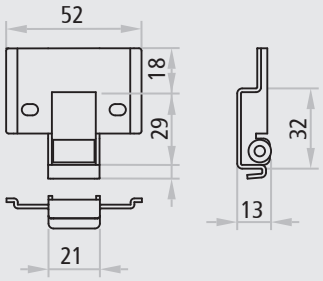
Lower floor catch for passive leaf of UNIVER



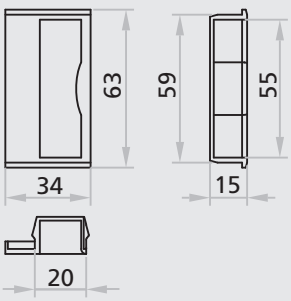
Upper re-latch device for secondary leaf of UNIVER and REVER



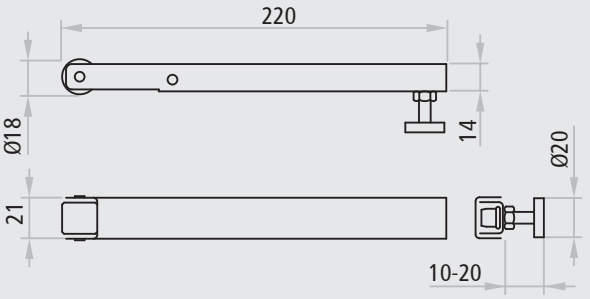
Lower floor catch for passive leaf of REVER



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 device components

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.

All measurements are in mm. We reserve the right to make unannounced technical changes to the contents of this brochure.
Fire-rated closures are typically used for internal compartmentalization and have been designed for this purpose.

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NINZ® FIREDOORS

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