ARM DOORS

Doors

Door protection

Innovation driven by experience

Innovative solutions, customized services, and personal service, that's what ARM DOORS has stood for over 15 years. Our door systems have proven their value in a wide range of industries, such as food processing and the pharmaceutical industry.

In our work, we attach great importance to a good mutual atmosphere, short communication lines, and clear agreements with our customers and material suppliers. Thanks to our no-nonsense approach and reliable short delivery times, we can respond quickly and provide customized solutions for every request.

This goes beyond just delivering the best industrial doors. With specific advice on design and material selection, active planning support, and technical assistance, we take care of our customers and strive for the best result in every project.

A partnership with ARM DOORS provides many benefits

Flexible in transport:
- Short delivery times
- Reliable delivery dates

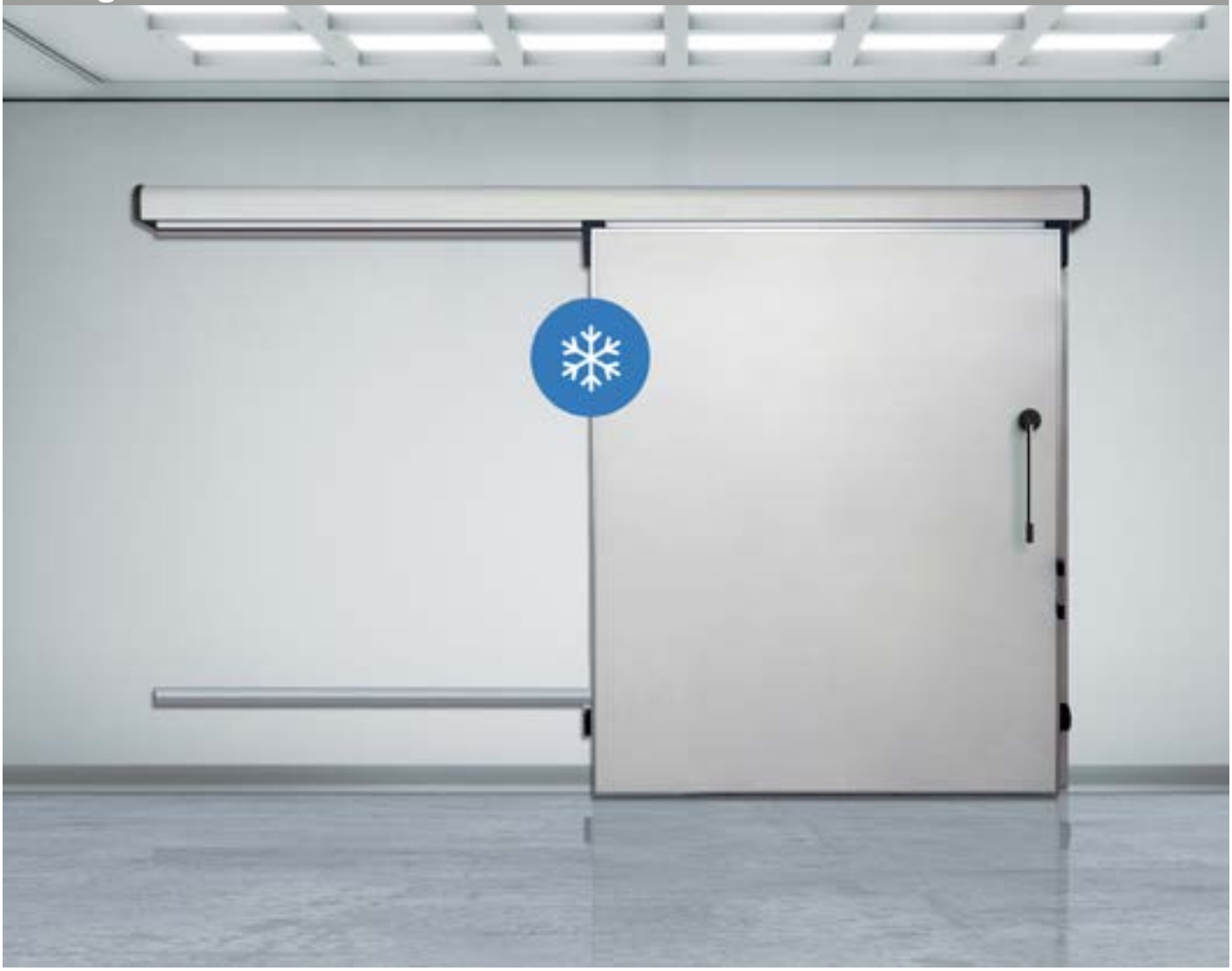
Comprehensive customer service:
- Comprehensive consulting
- Active planning support
- Technical support
- Customer service

High quality:
- High quality materials are the basis for durable products
- To meet the most strictest requirements of food and pharmaceutical industries, all our components are made of acid-resistant materials

Wide range of products:
- Sliding doors
- Hinged doors
- Swing doors
- Fre-resistant doors
- High speed doors
- Door protection

Contents

Sliding door K11

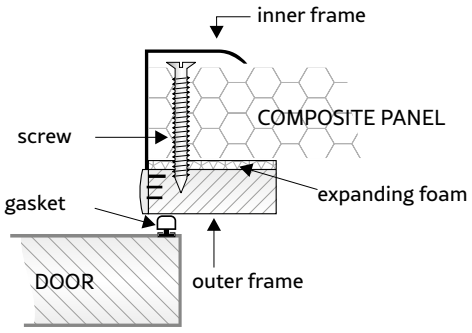


- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel - welded
- Gaskets: 2 components, bottom seal without threshold
- Track: stainless steel (composed of three profiles of 1.5 mm and 2 mm) - class 0H18N9
- Track cover: coated sheet RAL 9006
- Outer frame: profiled reinforced PVC
- Equipped with an integrated safety lock

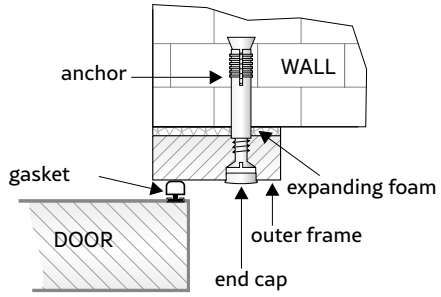
Additional options:

- Door leaf made of 1 mm stainless steel instead of polyester
- Automatic system for sliding doors
- Frame made of 1 mm stainless steel
- Track cover made of 0.8 mm stainless steel
- Stainless steel kick plate, 200 mm high
- Oval polycarbonate window

INSTALLING DOOR IN A COMPOSITE PANEL



INSTALLING DOOR IN A WALL



CLICK HERE to configure your door!

Cold room doors

Hinged door K12

Double hinged door K13

- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel – welded – class 0H18N9
- Gaskets: Italian, 2 components, bottom seal without threshold
- Outer frame: profiled reinforced PVC
- Hinges: lift-off type made of composite material

Additional options:

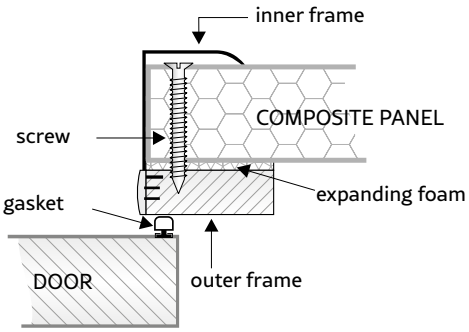
- Door leaf made of 1 mm stainless steel instead of polyester
- Frame made of 1 mm stainless steel
- Stainless steel kick plate, 200 mm high
- Oval polycarbonate window
- Doorcloser

VERSION K12 and K13
Composite lock: equipped with an integrated safety lock.

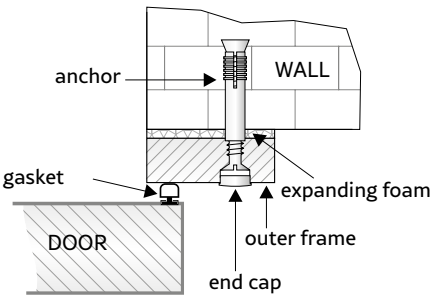
VERSION K14 and K15
Stainless steel lock: interior lock with cylinder, without integrated safety lock.

INSTALLATION OF THE FRAME AS FOR DOOR K11

INSTALLING DOOR IN A COMPOSITE PANEL



INSTALLING DOOR IN A WALL



CLICK HERE to configure your door!

Double cold room sliding door K18

- Door thickness: 65 mm or 80 mm
- Core: Polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: 2-component, lower gasket without threshold
- Rail: Stainless steel (composed of three profiles 1.5 mm and 2 mm) - grade 0H18N9
- Rail cover: made of coated sheet RAL 9006
- Exterior frame: profiled reinforced PVC
- Cold room doors equipped with integrated security lock

Additional options:

- Door leaf made of stainless steel 1 mm instead of polyester
- Automatic operator for double sliding door
- Frame made of stainless steel 1 mm
- Rail cover made of stainless steel 0.8 mm
- Stainless steel kick plate, 200 mm high
- Oval polycarbonate window

Freezer doors

Sliding door V21

- Door thickness: 100 mm or 120 mm
- Core: polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel - welded
- Gaskets: Italian, 2 components
- Heating elements: embedded in the channel on the frame and in the threshold in the floor with a heating power of 30 w/m
- Track: stainless steel (composed of three profiles of 1.5 mm and 2 mm)
- Outer frame: profiled reinforced PVC
- Track cover: made of coated sheet RAL 9006
- Cold room doors equipped with integrated safety lock

Additional options:

- Automatic system for sliding doors
- Door leaf made of 1 mm stainless steel instead of polyester
- Frame made of 1 mm stainless steel
- Rail cover made of 0.8 mm stainless steel
- Stainless steel kick plate, 200 mm high

Single hinged door V22

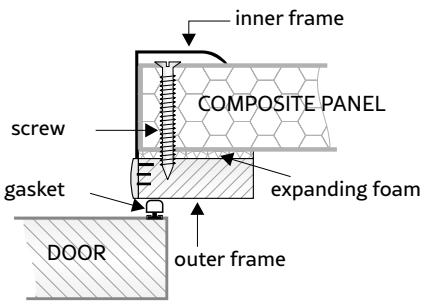
- Door thickness: 100 mm or 120 mm
- Core: Polyurethane foam with a density of 46 kg/m^3 direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: Italian 2-component
- Heating elements: segmented in the channel on the frame and embedded in the threshold in the floor with a heating power of 30 w/m
- Exterior frame: profiled reinforced PVC
- Lock: with key, equipped with integrated security lock
- Hinges: with lift made of composite materials

Additional options:

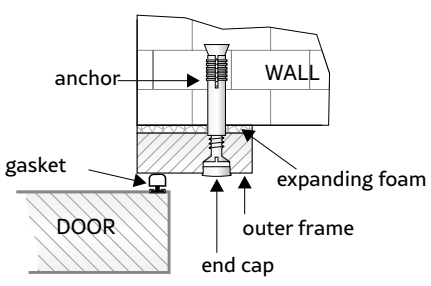
- Door leaf made of stainless steel 1 mm instead of polyester
- Frame around the opening
- Frame made of stainless steel 1 mm
- Stainless steel kick plate, 200 mm high

INSTALLING SLIDING DOOR V21 AND HINGED DOOR V22

TO COMPOSITE PANEL



TO WALL



CLICK HERE to configure your door!

Freezer sliding door with automation V21

AUTOMATION FOR SLIDING COLD ROOM DOORS:

Automatic sliding door system with a 24Vdc direct current motor, featuring a logical system responsible for detecting obstacles and unlocking the door during closing. The electronic obstacle detector operates during both door closing and opening. Upon detecting an obstacle, it changes the direction of the door movement without disabling the automatic closure. If the detector intervenes more than twice, the door changes direction and moves 10 cm away from the obstacle, entering STOP mode. After two detections of an obstacle, the door enters emergency stop mode (STOP), requiring operator intervention, such as removing the obstacle.

Control options:

- Pull cord
- Push button
- Radar sensor
- Remote control

ELECTRICAL PARAMETERS OF THE DOOR AUTOMATION SYSTEM:

- Supply voltage: 230 V (1 phase), frequency: 50 Hz
- Power: 250 VA - Installed power in the automation system 250 VA.
- The actuating element is a direct current motor with a power of 100 or 300 W and a supply voltage of 24 Vdc
- The highest power is drawn from the network when opening or closing the door leaf and depends on the weight of the door leaf
- Maximum power 300 W
- In standby mode, the automation system consumes approx. 10 W

CLICK HERE to configure your door!

Industrial doors

Hinged door I31

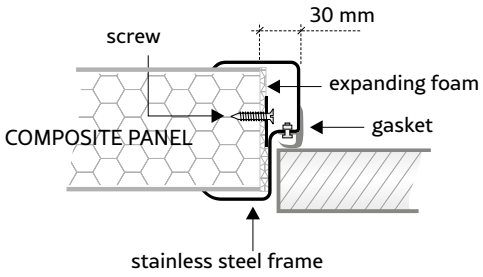
Hinged industrial pedestrian doors
- Door thickness: 40 mm
- Core: Polyurethane foam
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Frame: curved stainless steel
- Gaskets: in the frame
- Locks, hinges, and handles: made of stainless steel

Additional options:
- Oval polycarbonate window
- Door closer
- Electric door opener
- Toilet lock, passage lock, day and night lock
- Stainless steel kick plate, 200 mm high

Double hinged door I32

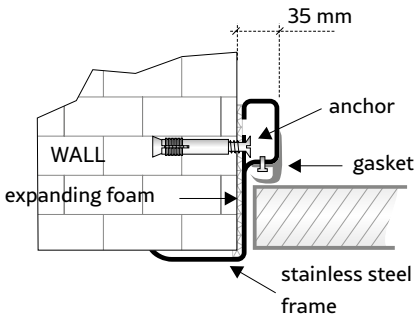
INSTALLING INDUSTRIAL HINGED DOOR TO COMPOSITE PANEL

1



TO WALL

2



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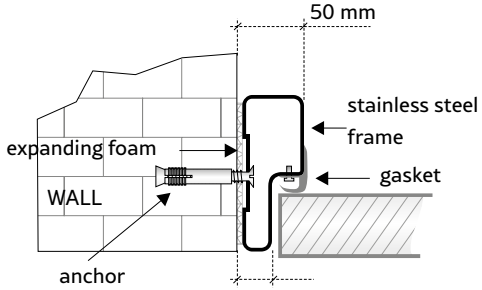


CLICK HERE to configure your door!

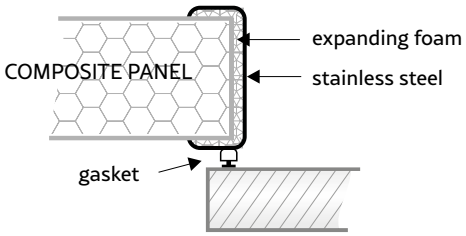
Sliding door I33

- Door thickness: 65 mm
- Core: Polyurethane foam with a density of 43 kg/m3 direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: Italian, 2 components, bottom seal without threshold
- Rail: Stainless steel 2 mm - grade 0H18N9
- Rail cover: made of coated sheet RAL 9006

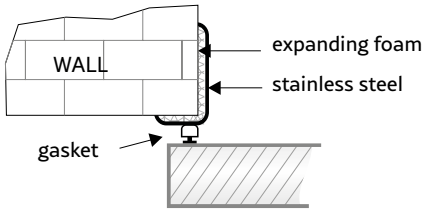
Additional options:

- Rail cover made of stainless steel
- Stainless steel kick plate, 200 mm high
- Oval polycarbonate window
- Automatic system for sliding doors

INSTALLING DOOR IN A COMPOSITE PANEL



TO WALL



CLICK HERE to configure your door!

Industrial doors

Double FRP swing door I42

- Door thickness: 40 mm
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Core: Polyurethane foam
- Door frame: Stainless steel 1.5 mm
- Hinges: Italian with stop function when opened to 90°
- Gaskets: Italian wedge
- Window: 30 x 70 made of 4 mm polycarbonate
- Bumper: made of 5 mm polyethylene with a width of 20 cm

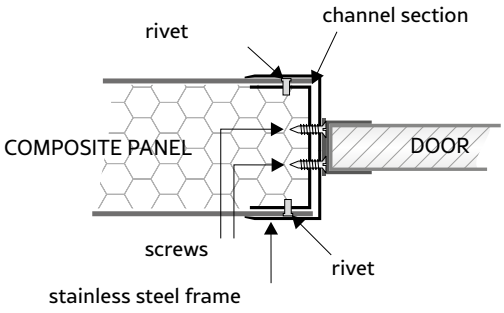
Additional options:

- Additional polyethylene bumper at a desired height
- Stainless steel kick plate, 200 mm high
- Plastic hinges instead of stainless steel hinges

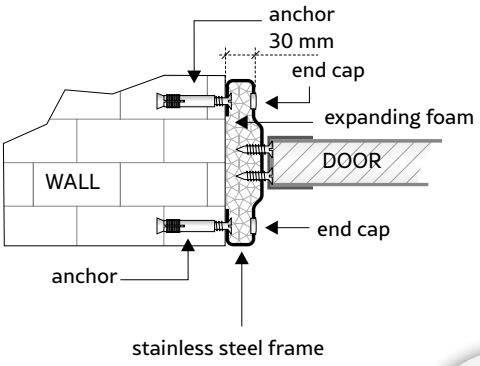
Double FRP swing door, mounted on a sandwich panel

Single FRP swing door I41

INSTALLING INDUSTRIAL FRP SWING DOORS TO COMPOSITE PANEL



TO WALL



CLICK HERE to configure your door!

Double PE swing door I44

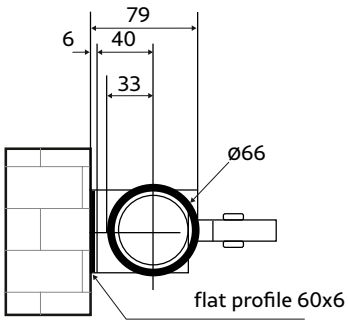
- Door thickness: 15 mm
- Door panel: solid polyethylene PE 500
- Hinges: with stop function when opened to 90°
- Window: made of acrylic glass with a thickness of 15 mm
- Bumpers: made of 10 mm polyethylene, width 15 cm

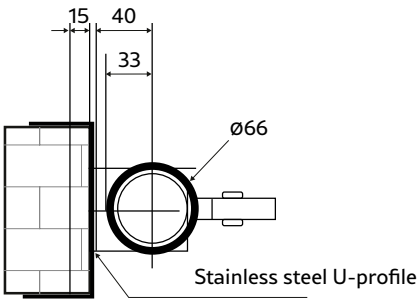
Additional options:
- Extra 15 mm PE bumper
- Curved bumper with 5 mm PE
- Finger protection
- Frame: curved stainless steel (steel frame inside - construction)

Base colors:
- White (RAL9003)
- Light grey (RAL7035)
- Grey (RAL7046)
- Anthracite (RAL7016)
- Black (RAL9005)
- Red (RAL3020)
- Yellow (RAL1003)
- Blue (RAL5005)
- Green (RAL6024)

Double PE swing door, mounted on a sandwich panel

INSTALLING INDUSTRIAL PE SWING DOORS





Single PE swing door 143

CLICK HERE to configure your door!

Fire-rated doors

Fire-resistant sliding door F61

Meet the fire-resistant door for cold and freezer rooms from ARM DOORS! Fire-resistant doors provide the safest solution for cold and freezer rooms, offering over 90 minutes of fire protection. Our doors are made from high-quality fire-resistant materials and are CE EN 1634-1 certified to ensure fire safety.

The fire-resistance tests of the doors cover the complete door system, including the door leaf, frame, and all accessories. The laboratory conducting these fire-resistance tests is certified for this purpose. The certificate with the fire test results is available upon request from ARM DOORS.

Tests according to the American fire protection standard UL 10C:2021

When conducting fire-resistance tests on doors, fire-resistant doors include the complete door system (door leaf, frame, and all accessories). The door's installation system is also part of this system. The laboratory performing the fire safety tests on doors is accredited for such testing. Certificates are available upon request from ARM DOORS.

Our fire-resistant door is certified by Intertek (see certification details below):

- **Intertek WH US Mark for Category B – Doors – Extra perimeter sealing system required**
- **Standards:** UL 10(c) (2016), UL 10(b) (2008) (R2015), NFPA 252 (2017), UL 10(b) (2008) (R2020)
- **Certificate number:** WHI23-39147701
- **Product:** AMP – Cold Room Fire Door "FireFreeze" - 90 minutes – UL 10C
- **Fire resistance:** 90 min PP Category B door, 60 min PP Category B door

CLICK HERE to configure your door!

Fire-resistant hinged door F62


Fire-resistant door closer


Fire-resistant door handle


Fire-resistant hinges


Fire-resistant panic bar

Specifications

Door Thickness
Door leaf thickness of 120 mm, providing insulation for freezer rooms at low temperatures and cold rooms at positive temperatures.

Door Surface
Galvanized steel with an external food-safe antibacterial plastisol coating (250 µm).

Non-Combustible Materials
Non-combustible materials provide fire resistance of up to 60 minutes.

Materials
Inside the door, high-tech materials are combined with non-combustible polyurethane according to DIN 4102-1.

Heating Elements
Heating elements are integrated into the frame and the threshold of the freezer door.

Frame
Insulated frame made of high-tech materials, manufactured from stainless steel 304 (plate thickness 1.5 mm).

Self-Closing Mechanism
In case of fire, the door automatically closes via the self-closing mechanism; tested for use on fire-resistant sliding doors. A damper provides additional safety.

Stainless Steel
Stainless steel 304 for the sliding guidance (plate thickness 2 mm). Robust external and internal stainless steel handles, stainless steel wheels and brackets, and a stainless steel sliding rail.

High-speed doors

High speed door S600

- Opening speed max. 2.5 m/s
- Closing speed max. 2.0 m/s
- Automatic system with inverter and encoder motor 0.75-1.5 kW
- Self-repairing curtain with density 1300 g/m3, thickness 0.9 mm
- Viewing window
- Safety strip against pinching
- Construction of galvanized steel or stainless steel
- In case of malfunction, unlocking with handle
- Signal lamp
- Operating temperature: -30°C / +70°C
- The door complies with European standards 13241/CE
- IP65 control box with buttons

Control options:

- Pull switch
- Push button
- Remote control
- Radar motion sensor
- Stainless steel arm for mounting the pull switch, required when ceiling mounting is not possible, e.g. in high halls

Colours

- White (RAL 9010)
- Orange (RAL 2004)
- Light blue (RAL 5012)
- Traffic grey (RAL 7042)
- Black (RAL 9005)
- Yellow-green (RAL 6018)
- Ivory (RAL 1015)
- Carmine red (RAL 3002)
- Marine blue (RAL 5002)
- Light grey (RAL 7035)
- Brown (RAL 8017)
- Gentian blue (RAL 5010)
- Signal yellow (RAL 1003)
- Opal green (RAL 6026)
- Dust grey (RAL 7037)
- Aluminium white (RAL 9006)
- Anthracite grey (RAL 7016)

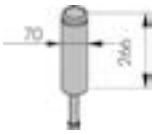
CLICK HERE to configure your door!


Parts
7
Parts
8
CLICK
HERE
to configure
your door!

Door protection

Rod 70

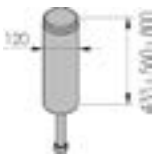
M20 GALVANISED STEEL



ROD 70 266
Ø 38
Accessories included
Detachable each - Colour:

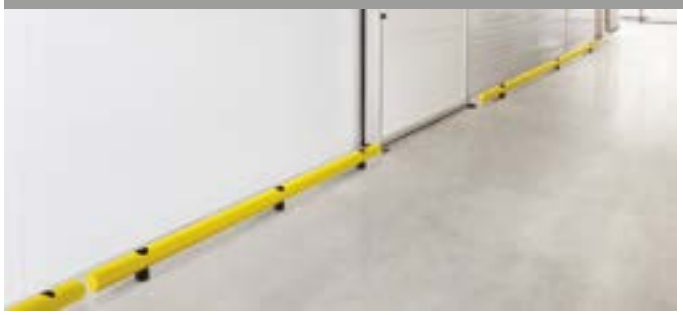
ROD 120

M30 GALVANISED STEEL



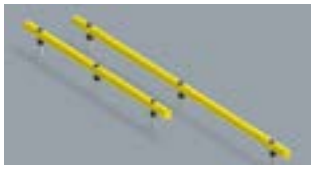
ROD 120- 433, 560, 800
Ø 38
Accessories included
Detachable each - Colour:

Rod Floor 70



M16
GALVANISED STEEL

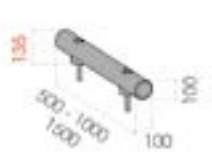
RF 70 - 500, 1000, 1500
Length 500, 1000, 1500 mm | Packed per pallet | Colour:



RF 70 - 2000, 3000
Length 2000, 3000 mm | Packed per pallet | Colour:

Rod Floor 100

SF20
GALVANISED STEEL

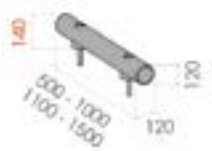


RF 100 - 500, 1000, 1500
Length 500, 1000, 1500 mm | Packed per pallet | Colour:

RF 100 - 2000, 3000
Length 2000, 3000 mm | Packed per pallet | Colour:

Rod Floor 120

SF20
GALVANISED STEEL



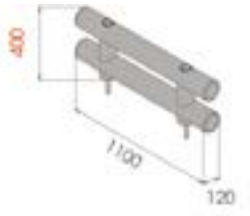
RF 120 - 500, 1000, 1100, 1500
Length 500, 1000, 1100, 1500 mm | Packed per pallet | Colour:

RF 120 - 2000, 2500, 3000
Length 2000, 2500, 3000 mm | Packed per pallet | Colour:

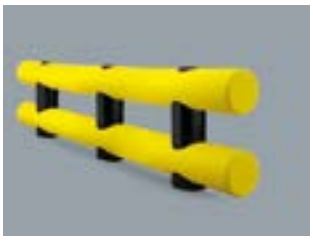
Door protection

Rod Floor 120 Double Rack End

SF20 x 450 RVS



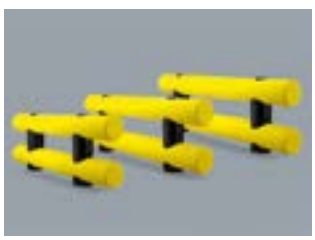
RF 120 DOUBLE RACK END 1100
Length 1100 mm
Packed per pallet
Colour:

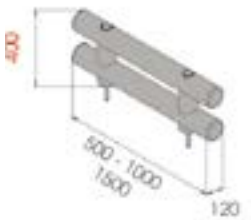


RF 120 DOUBLE RACK END 2000, 3000
Length 2000, 3000 mm
Packed per pallet
Colour:

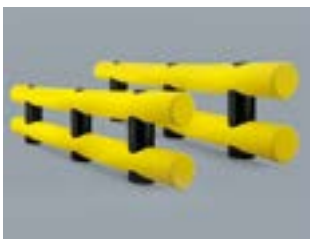
Rod Floor 120 Double

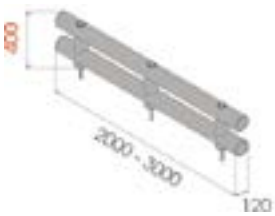
SF20 x 450 RVS





RF 120 DOUBLE 500, 1000, 1500
Length 500, 1000, 1500 mm
Packed per pallet
Colour:





RF 120 DOUBLE 2000, 3000
Length 2000, 3000 mm
Packed per pallet
Colour:

Cold room double hinged door with meat rail passage K14

- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel – welded – class 0H18N9
- Gaskets: EPDM, 2 components (solid and foamed), bottom seal without threshold
- Track: stainless steel (composed of three profiles of 1.5 mm and 2 mm) – class 0H18N9
- Track cover: made of coated sheet RAL 9006
- Outer frame: profiled reinforced PVC
- Lock: with key and integrated safety lock
- Hinges: lift-off type made of composite materials

Additional options:
- Door leaf made of 1 mm stainless steel instead of polyester
- Frame made of 1 mm stainless steel

Cold room sliding door with meat rail passage K17

- Door thickness: 65 or 80 mm
- Core: polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel – welded – class 0H18N9
- Gaskets: EPDM, 2 components (solid and foam), bottom seal without threshold
- Track: stainless steel (composed of three profiles of 1.5 mm and 2 mm) – class 0H18N9
- Track cover: made of coated sheet RAL 9006
- Outer frame: profiled reinforced PVC

Additional options:
- Cold room doors equipped with integrated safety lock
- Door leaf made of 1 mm stainless steel instead of polyester
- Rail cover made of 0.8 mm stainless steel
- Frame made of 1 mm stainless steel

Cold room sliding door for controlled atmosphere C51

- Door thickness: 65 or 80 mm
- Core: Polyurethane foam with a density of 46 kg/m^3, direct injection under high pressure
- Facing: Glasbord®, ArmorTuf® or LXP finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: specially reinforced 2-component gaskets, lower gasket without threshold
- Rail: Stainless steel (composed of three profiles 1.5 mm and 2 mm)
- Rail cover: made of coated sheet RAL 9006
- Exterior frame: profiled reinforced PVC
- Inspection window
- Clamps: ensure complete closure

Additional options:
- Automatic system for sliding doors
- Door leaf made of stainless steel 1 mm instead of polyester
- Cold room doors equipped with integrated security lock
- Frame made of stainless steel 1 mm
- Rail cover made of stainless steel

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