



OFFICIAL PARTNER OF

*hydewa*<sup>®</sup>



Doors

Windows

Collision 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



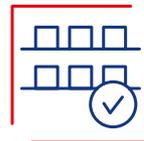
### Comprehensive customer service:

- 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 industry, all our components are made of acid-resistant materials



### Wide range of products:

- Sliding doors
- Hinged doors
- High-speed doors
- Industrial access doors, sliding and hinged
- Window frames
- Collision protection

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## Sliding door K11

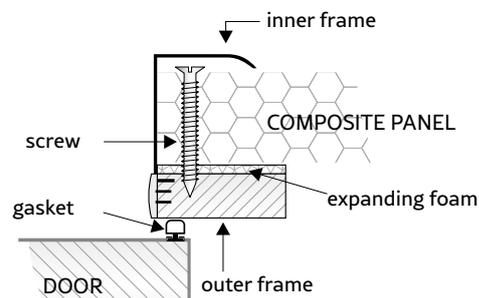


- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of  $46 \text{ kg/m}^3$ , direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel - welded
- Gaskets: 2 components, bottom seal without threshold
- 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

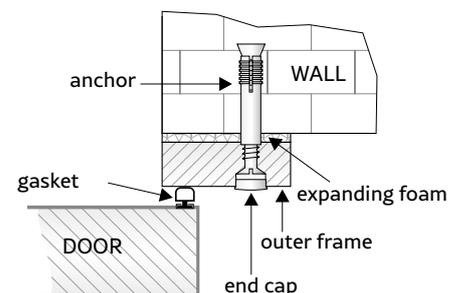
### Additional options:

- Lock in the cold room door with integrated safety lock
- 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

### INSTALLING DOOR IN A COMPOSITE PANEL



### INSTALLING DOOR IN A WALL



# Cold room doors

## Hinged door K12



- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® 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
- Lock: with key and integrated safety lock, made of composite materials
- Hinges: lift-off type made of composite material

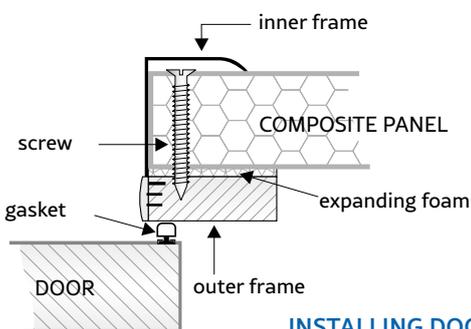
### Additional options:

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

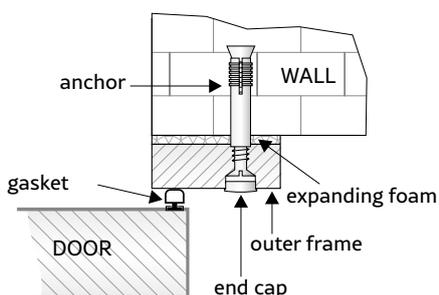
## Double hinged door K13



### INSTALLING DOOR IN A COMPOSITE PANEL



### INSTALLING DOOR IN A WALL



## Double hinged door K14 with meat rail passage

- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® 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



## Single hinged door K15



INSTALLATION OF THE FRAME AS WITH THE DOORS K11 AND K12

- Door thickness: 65 mm or 80 mm
- Core: polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® finish (reinforced with fiberglass)
- Door frame: 1.5 mm stainless steel – welded – class 0H18N9
- Gaskets: EPDM, 2 components, EPDM solid foam, bottom seal without threshold
- Outer frame: profiled reinforced PVC
- Lock: stainless steel lock, internal lock with cylinder, without 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

## Double hinged door K16



# Cold room doors



INSTALLING DOOR FRAME, SEE K11

## Sliding door K17 with meat rail passage

- Door thickness: 80 mm
- Core: polyurethane foam with a density of  $46 \text{ kg/m}^3$ , direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® 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



VERSION K17 WITH TRACKS ABOVE THE MEAT RAIL PASSAGE

## Sliding door V21

- Door thickness: 100 mm or 120 mm
- Core: polyurethane foam with a density of  $46 \text{ kg/m}^3$ , direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® 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  $30 \text{ w/m}$
- 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

### Additional options:

- Automatic system for sliding doors
- Door leaf made of 1 mm stainless steel instead of polyester
- Cold room doors equipped with integrated safety lock
- Frame made of 1 mm stainless steel
- Rail cover made of 0.8 mm stainless steel



## Hinged door V22

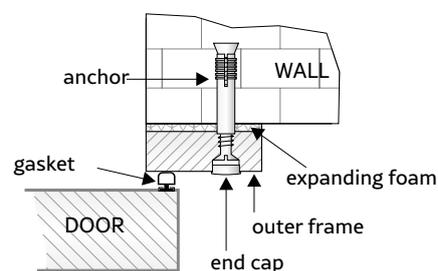
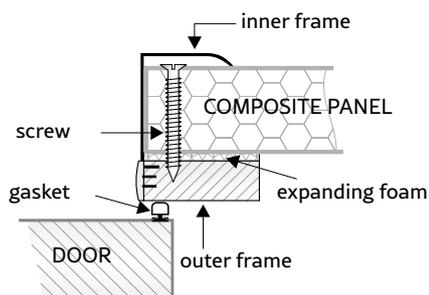


- Door thickness: 100 mm or 120 mm
- Core: Polyurethane foam with a density of  $46 \text{ kg/m}^3$  direct injection under high pressure
- Facing: Glasbord® or ArmorTuf® finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: Italian 2-component
- Heating elements: segmented in the channel on the frame and embedded in the threshold in the floor with a heating power of  $30 \text{ w/m}$
- 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

### INSTALLING SLIDING DOOR V21 AND HINGED DOOR V22 TO COMPOSITE PANEL TO WALL



# Industrial doors

## Hinged door I31



### Hinged industrial pedestrian doors

- Door thickness: 40 mm
- Core: Polyurethane foam
- Facing: Glassbord® or ArmorTuf® 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

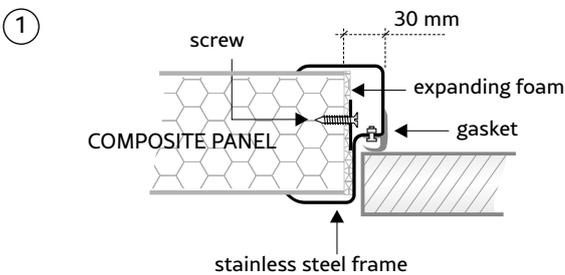
### Additional options:

- Polycarbonate window
- Door closer
- Electric door opener

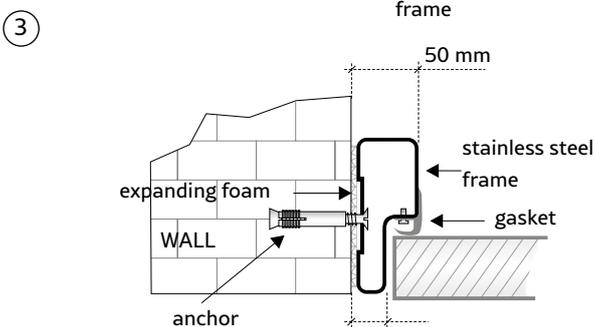
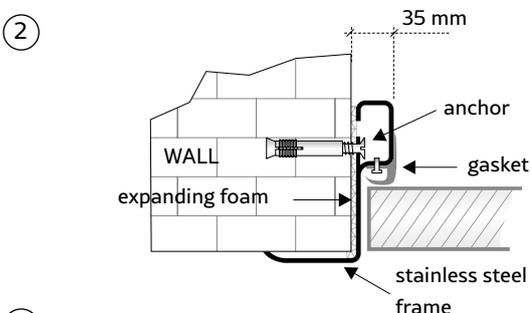
## Double hinged door I32



### INSTALLING INDUSTRIAL HINGED DOOR TO COMPOSITE PANEL



### TO WALL



## Double door I42

- Door thickness: 40 mm
- Facing: Glassbord® or ArmorTuf® 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

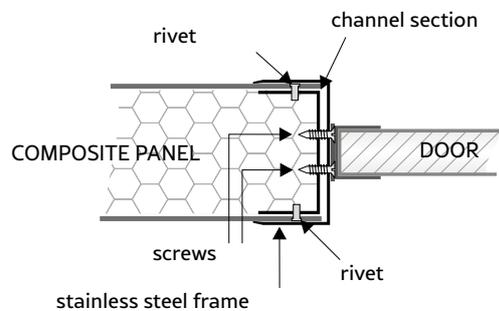


## Industrial access swing door installed in a composite panel

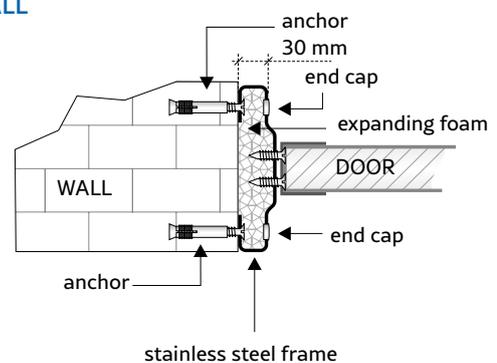
### Single-leaf door I41



### INSTALLING INDUSTRIAL SWING DOORS TO COMPOSITE PANEL



### TO WALL



## Industrial access swing door installed in a composite panel

# Industrial doors

## Double leaf door I44



- Door thickness: 15 mm
- Door panel: solid polyethylene PE 500
- Hinges: with stop function when opened to 90°
- Frame: curved stainless steel (steel frame inside - construction)
- Window: made of acrylic glass with a thickness of 15 mm
- Bumpers: made of 10 mm polyethylene, width 15 cm

### Additional options:

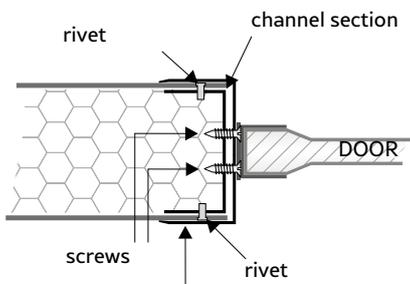
- Extra 15 mm PE bumper
- Curved bumper with 5 mm PE
- Finger pinch protection

### Base colors:

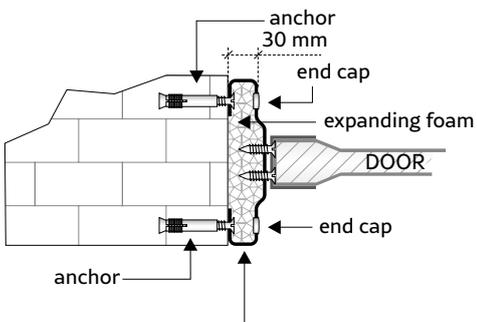
- Milk white
- Gray
- Green
- Yellow
- Blue
- Other colors possible upon consultation

## Industrial access swing door PE

### INSTALLING INDUSTRIAL SWING DOORS TO COMPOSITE PANEL



### TO WALL



## Single leaf door I43



## Industrial access swing door PE

## Door C51 - cold room sliding door for controlled atmosphere



- Door thickness: 80 mm
- Core: Polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glassbord® or ArmorTuf® 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

# Controlled atmosphere door

## Hinged door C52 for controlled atmosphere

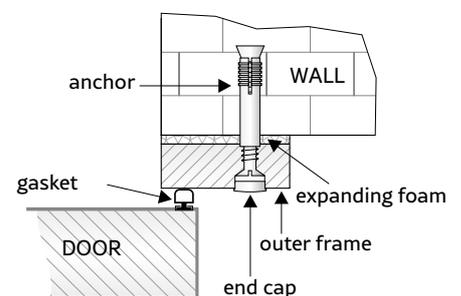
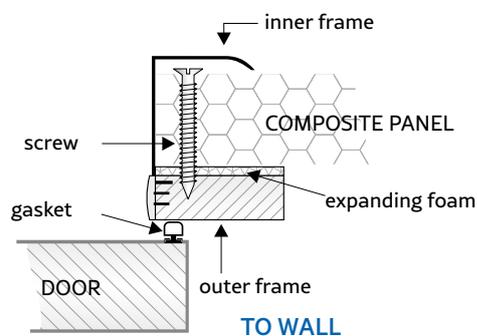


- Door thickness: 65 mm or 80 mm
- Core: Polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glassbord® or ArmorTuf® finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded - grade 0H18N9
- Gaskets: Italian 2-component, lower gasket without threshold
- Exterior frame: profiled reinforced PVC
- Lock: self-closing with door handle
- Hinges: with lift made of composite materials
- Inspection window
- Clamps: ensure complete closure

### Additional options:

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

### INSTALLING CONTROLLED ATMOSPHERE DOOR TO COMPOSITE PANEL



## Door V21 freezer sliding with operator



INSTALLING DOOR FRAME,  
SEE V21 WITHOUT OPERATOR

## Operator for sliding cold room doors



### OPERATOR 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.

- Door thickness: 100 mm or 120 mm
- Core: Polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glassbord® or ArmorTuf® finish (reinforced with fiberglass)
- Door frame: Stainless steel 1.5 mm - welded
- Gaskets: Italian 2-component
- Heating elements: built into the channel on the frame and the threshold embedded in the floor with a heating power of 30 w/m
- Rail: Stainless steel (composed of three profiles 1.5 mm and 2 mm)
- Exterior frame: profiled reinforced PVC
- Rail cover: made of coated sheet RAL 9006

### 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 0.8 mm

### 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

# Automatic doors

## Door K11 freezer sliding with operator



## Double cold room sliding door K18



- Door thickness: 80 mm
- Core: Polyurethane foam with a density of 46 kg/m<sup>3</sup>, direct injection under high pressure
- Facing: Glassbord® or ArmorTuf® 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

### Additional options:

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

## Self-closing 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/m<sup>3</sup>, 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
- 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 white (RAL 1015)
- Carmine red (RAL 3002)
- Navy 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)
- Grey (RAL 7016)

## Triple glass/HR++



### Safety glass 1-sided laminated HR++

In single-sided laminated glass, the inside of the double pane consists of two 3-mm panes of glass stuck together with a transparent film in between. When laminated glass is broken, it will not give up easily thanks to the film's high adhesion factor. This glazing is used as fall-through-resistant glazing, for example on a floor where the glass extends to the floor and you are likely to fall out. This construction guarantees a U-value of 1.1.

### Safety glass 1-sided laminated HR+++

Bij 1-zijdig gelaagd HR+++ glas bestaat de binnenzijde van het triple glas uit twee glasplaten van 3 mm die tegen elkaar zijn aangeplakt met daartussen een transparante folie. Wanneer het gelaagde glas breekt, zal deze dankzij de hoge hechtingsfactor van de folie niet snel opgeven. Deze doorvalveilige beglazing wordt toegepast op een verdieping waar het glas doorloopt tot de vloer en er een kans is om naar buiten te vallen. Het veiligheidsglas garandeert een U-waarde van 0.6.

### Safety glass 2-sided laminated HR++

With 2-sided laminated glass, both the inside and outside consist of two panes of 3 mm stuck together with a foil in between. If NEN 3569 applies to your work, you can apply this laminated injury-reducing glazing. This is also known as safety glass. We recommend using this glass in, for example, windows, DOORS and sliding doors when there is a risk of falling through via both the inside and outside. This construction guarantees a U-value of 1.1.

### Safety glass 2-sided laminated HR++

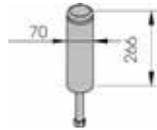
The 2-sided laminated triple glass has a transparent film between the two panes of 3 mm on both the inside and outside. You can apply this laminated injury-reducing glazing if NEN 3569 applies to your work. We recommend applying 2-sided laminated glass to windows, DOORS and sliding doors if there is a risk of colliding with it from both the inside and outside. The triple 2-sided laminated glass guarantees a U-value of 0.6.

# Collision protection

## Rod 70



M20 GALVANISED STEEL



### ROD 70 266

Ø 38

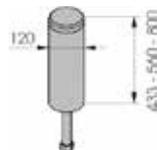
Accessories included

Detachable each - Colour: ●

## ROD 120



M30 GALVANISED STEEL



### ROD 120- 433, 560, 800

Ø 38

Accessories included

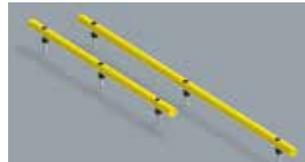
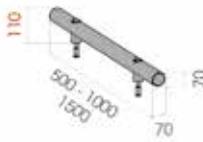
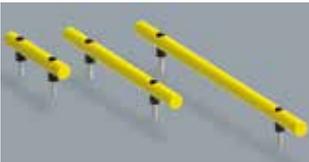
Detachable each - Colour: ●

# Collision protection

## Rod Floor 70



**M16  
GALVANISED STEEL**



### RF 70 - 500, 1000, 1500

Length 500, 1000, 1500 mm | Packed per pallet | Colour: ●

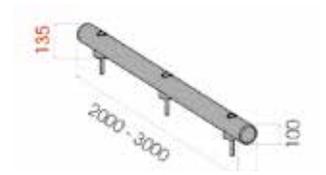
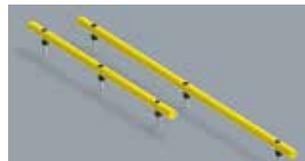
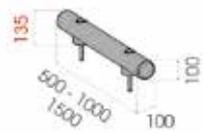
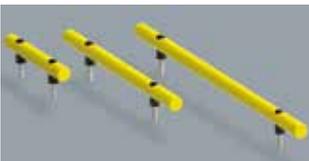
### RF 70 - 2000, 3000

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: ●

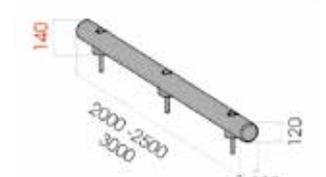
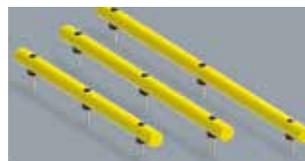
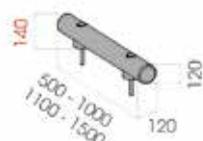
### RF 100 - 2000, 3000

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

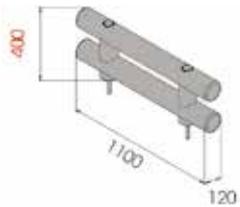
Length 2000, 2500, 3000 mm | Packed per pallet | Colour: ●

# Collision protection

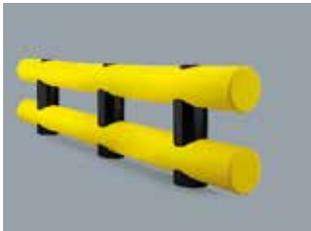
## Rod Floor 120 Double Rack End



SF20 x 450 RVS



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

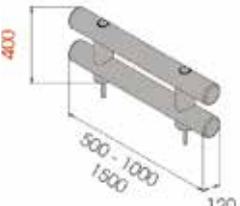
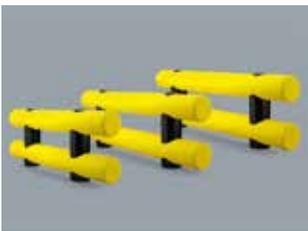


**RF 120 DOUBLE RACK END 2000, 3000**  
 Length 2000, 3000 mm  
 Packed per pallet  
 Colour: ●

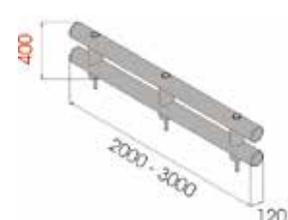
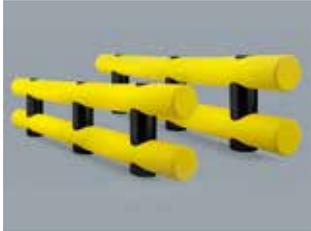
## Rod Floor 120 Double



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: ●



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