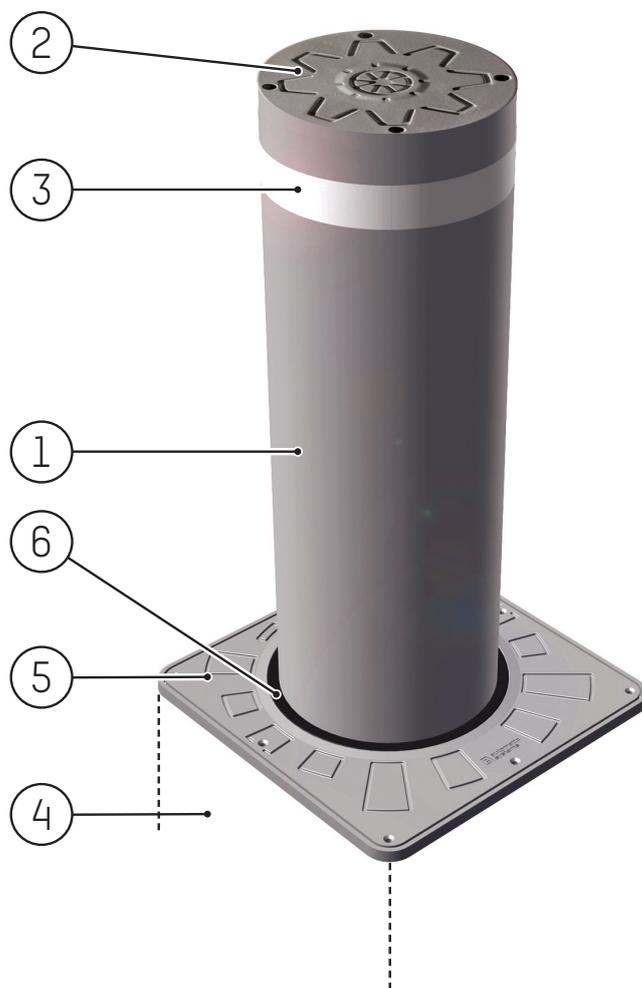


## Technical datasheet

FB C50UN-FT-EN-01

Access controlled...  
Future secured



Non contractual illustration

The bollards are obstacles to the passage of vehicles which preserve freedom of access for pedestrians.

With a major dissuasive effect in upright position, they are designed for the following among others:

Security and access control for sensitive sites.

Management of pedestrian zones and urban circulation, forming a dissuasive marker for vehicles which poses no restrictions for pedestrians.

Protection of building windows and façades.

Harmonious combination with the automatic and manual bollards of the range, through their characteristics identical to the latter (dimension, finish, resistance).

FB C50UN bollards are available in three different heights:

- FB C50UN\_500 = 500 mm above ground height.
- FB C50UN\_600 = 600 mm above ground height.
- FB C50UN\_800 = 800 mm above ground height.

## STANDARD DESCRIPTION

1. Steel fixed obstacle of 275 mm diameter, 6 mm thick.  
The obstacle is available in three finishing options\*: painted steel, painted stainless steel or brushed stainless steel.
2. Upper ring in aluminium sheeting.
3. White reflective band.
4. Galvanised steel casing to be sealed in a concrete foundation.
5. Cover plate in aluminium sheeting.
6. Synthetic water-tightness joint between the obstacle and the fixed structure.

\* Product configuration to be specified when ordering.

## STANDARD TECHNICAL SPECIFICATION

### Impact resistance specification(s)

Rated in compliance with: PAS68:2013 V/3500(N1)/32/90  
IWA 14-1:2013 V/3500(N1)/32/90  
ASTM C50

Breakout resistance  
(Vehicles types) 1,5 T at 64 km/h  
3,5 T at 32 km/h.

Breakout resistance 250.000 joules.

Breakout resistance  
(without deformation) 40.000 joules.

Obstacle height  
FB C50UN\_500 = 500 mm.  
FB C50UN\_600 = 600 mm.  
FB C50UN\_800 = 800 mm.

Max. relative humidity 95 %, without condensation.

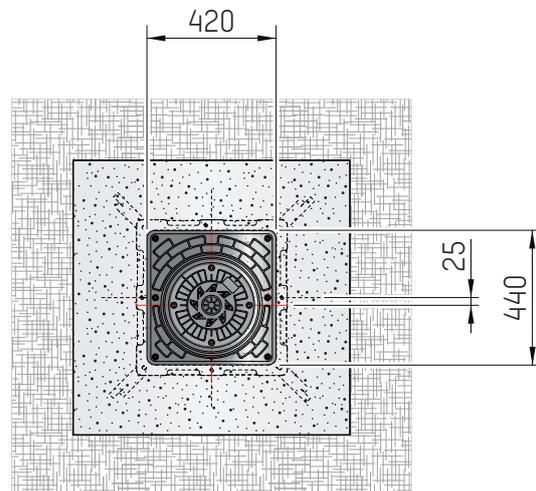
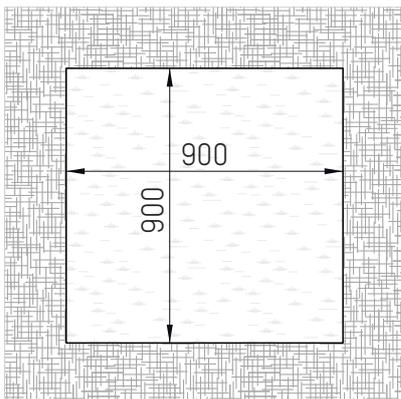
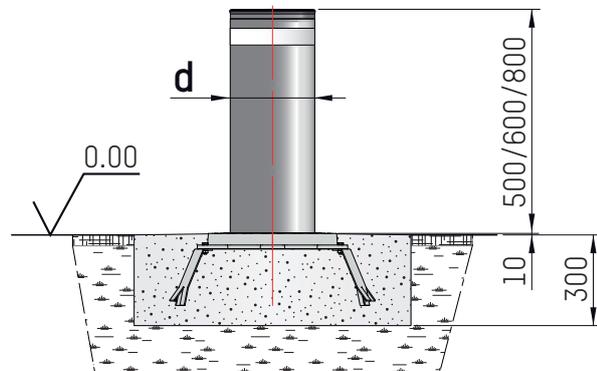
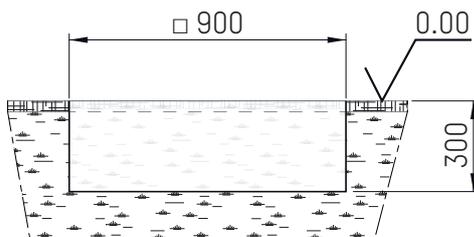
Weight  
FB C50UN\_500 = 61 kg.  
FB C50UN\_600 = 67 kg.  
FB C50UN\_800 = 76 kg.

Protection index IP 67.

Conform to European standards.

## STANDARD DIMENSIONS (mm)

d	
Painted steel cylinder	Ø 271 mm
Stainless steel cylinder	Ø 273 mm



## WORKS TO BE PROVIDED BY THE CUSTOMER

- Embedding casing in a concrete foundation (refer to installation drawing).
- Power supply (for optional devices).

## SURFACE PROTECTION

### Treatment B:

- o Sand blasting (SA 2,5)
- o Anti-corrosion powder painting (80 µm)
- o Polyester powder painting (80 µm).

## OPTIONAL

1. Cylinder painted in other RAL colour.
2. Cylinder finishing in AISI 316 brushed stainless steel.
3. Cylinder finishing in normal steel with ribs on surface.
4. Cylinder finishing in AISI 304 stainless steel with ribs on surface.
5. Lights indicator (LEDs).
6. Power circuit for lights indicator (Max. 4).