



Non contractual picture

The **FB M30** security bollard, **height 900 mm**, is designed to protect the access to sites that are susceptible to attempted break-in.

It can be used on any site where it is wished to create an obstacle to traffic without restricting pedestrian access.

In urban areas, it will also be perfectly adapted to the protection of shop windows and facades of buildings.

The security bollards have greater impact resistance than that of the other obstacles in the range (see technical characteristics below).

Their combination with the automatic retractable bollards **RB M30\_900** will be harmonious, due to their characteristics identical to the latter (dimensions, finishing, resistance).

## DESCRIPTION

1. Security obstacle comprising a 10 mm thick steel cylinder. The obstacle is available in 3 finishes\*: painted steel, knurled painted steel or brushed stainless steel.
2. 30 mm thick cast aluminium crown. Crown also available with light LEDs indicators (On the perimeter of the crown)\*.
3. 55 mm reflective strip.
4. Obstacle supported on a thick steel section supporting structure, to seal into the concrete.

\* Product configuration to be specified when ordering.



## SURFACE PROTECTION

### Treatment B:

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

## STANDARD TECHNICAL SPECIFICATIONS

Impacts resistance certifications	
Crash-tested	PAS68:2013 V/7500(N3)/48/90:-1.3 IWA 14-1:2013 V/7200(N3C)/48/90:-1.0 ASTM C730-P1 (M30/K4)
Impact resistance (Vehicles type)	3,5 T à 64 km/h 7,5 T à 48 km/h
Impact resistance	750 000 joules.
Impact resistance (Without deformation)	250.000 joules.
Cylinder diameter	273 mm
Height of the obstacle	900 mm
Weight	± 115 kg
Ambient operating temperature	-40 °C +70 °C
Foundation deep	Min. 400 mm (Without leveling feet) Max. 500 mm (With leveling feet)
Protection index	IP 67
Conform to European standards	

## WORKS TO BE PROVIDED BY THE CUSTOMER

- Sealing of the frame in a concrete foundation. (refer to installation drawing)
- Power supply.
- Electric connections with external peripherals.

## OPTIONS

1. Painting with RAL colors.
2. Anti-corrosion treatment M for cylinder: ⓘ
  - Sand blasting (SA 2,5)
  - Epoxy powder paint of ± 80 µm thick;
  - Two-component Epoxy paint of ± 180 µm thick;
  - Two-component polyurethane topcoat of ± 60 µm thick.
3. Knurling on normal steel cylinder surface.
4. Knurling on stainless steel cylinder surface.
5. Flashing light power circuit.

ⓘ *Mandatory for an installation less than 2 km from a seaside or for intensive sandblasted pavement (3 months/year)*

## DIMENSIONS STANDARD (MM)

