



Anti-ram vehicles fixed steel bollard, 600 mm high, ø250 mm



- ▶ Bollard certified by crash test
- ▶ Designed to protect sites with a high level of expected security
- ▶ Provides a high level of resistance with dimensions adapted to urban environment
- ▶ High level of finishing provided by the stainless steel liner allowing rapid repair after impact

INDUSTRY SERVICES SECURED SITES

CRASH TEST



Crash test certified resistance: can stop a 1,75T vehicle launched at 80 km/h, without damage

- Speed: 80 km/h
- Weight: 1 T 750
- Kinetic energy: 432 000 joules
- Penetration : <10 m

Computer crash test certified resistance carried out by an independent body approved by COFRAC:

- Speed: 48 km/h
- Weight: 7 T 500
- Kinetic energy: 723 000 joules
- Penetration : 0

MAIN CHARACTERISTICS

- Fixed steel bollard, Ø25 cm, 60 cm high
- Available with a shallow sealing depth option and the traditional sealing option

TECHNICAL CHARACTERISTICS

- High-strength steel cylinder, very thick
- Anti-corrosion treatment by hot dip galvanizing
- Stainless steel sleeve with a microbeads blasting treatment
- Slings system integrated in the bollard
- Adjustment legs to upgrade the bollards

Resistance (joules)

723,000

Paint / finish

Stainless steel sleeve with microbeads blasting treatment

Measurements (H-Ø)

600 - 250

ALEF25-60-C80

OPTIONS

Visibility

- Reflective stripes
- LEDS solar stud on top of the bollard

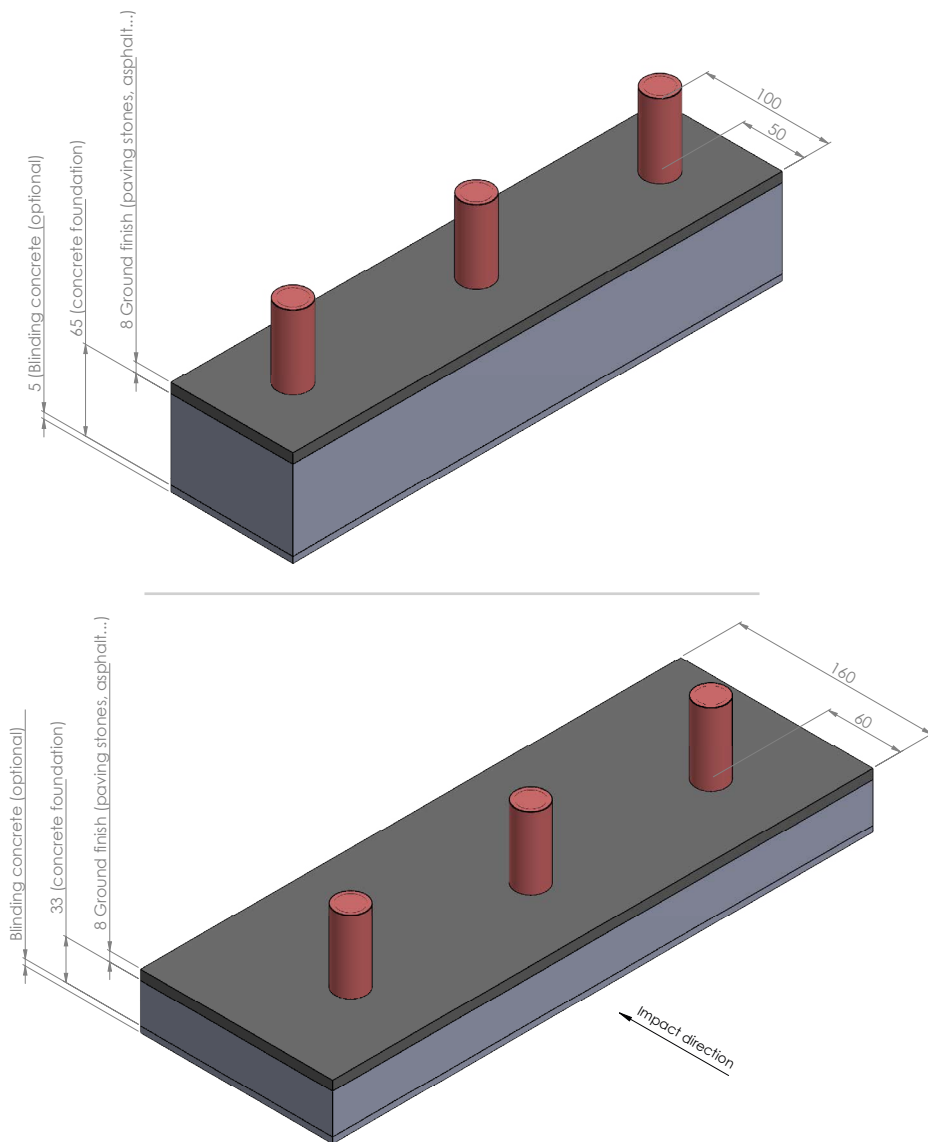
Installation

- Shallow depth sealing

Customization

- Stainless steel sleeve with specific RAL colour or brushed stainless steel treatment

INSTALLATION



CRASH TEST



Crash test carried out by an independent COFRAC approved control body (French Accreditation Committee)