



FIXED

SF
SERIES



PROTECTION



PUBLIC



COMMERCIAL

275/K4SF 900F

Fixed bollards with shallow foundation

Guaranteed security with only 200mm of excavation

The **SF Series fixed bollards** provide certified protection, withstanding **impacts from 7.500kg trucks up to 50 km/h**. Their simplified installation requires **only 200 mm of excavation**. Preassembled modules can be connected to create custom configurations.

- **Only 200mm excavation** required (300 mm on stone surfaces)
- **Certified resistance impacts** with trucks **at 50 km/h (K4/M30 level)**
- **Simplified and faster installation.**



TRIPLE CERTIFICATION
PAS68, IWA14, ASTM

Smart! **Modular installation?** The connecting element enhances the system's resistance



Standard configuration

The standard configuration of our systems is designed to ensure efficiency, safety and ease of management. The configuration includes:

- **Anthracite grey painted steel bollard**, a device for controlling vehicle access and underground basement with shallow foundation.

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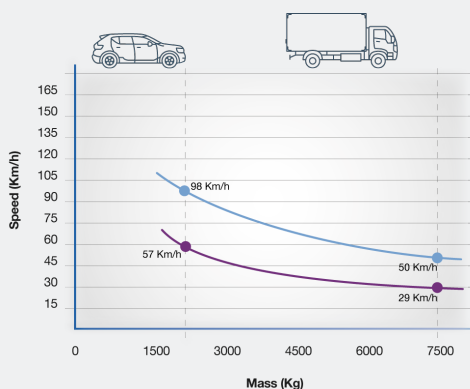


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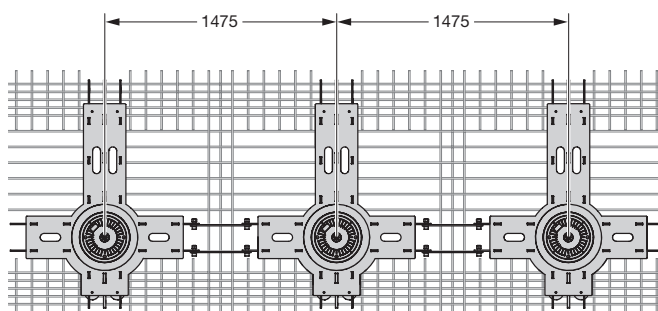
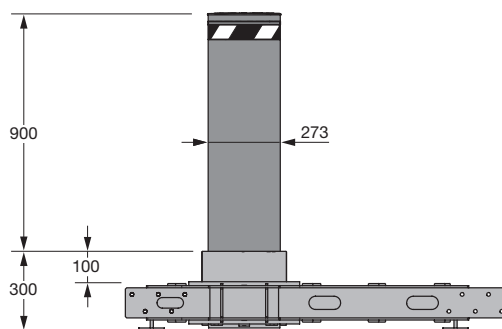
Fixed bollards with shallow foundation

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Cylinder material	S355JR normal steel - X5CrNi 18-10 (AISI 304) stainless steel X5CrNiMo 17-12-2 (AISI 316) stainless steel
Cylinder diameter	273mm
Cylinder height	900mm
Cylinder thickness	10mm
Cylinder normal steel finish	Anti-corrosion treatment - grey anthracite standard painting
Cylinder stainless steel finish	Grey anthracite standard painting or brushing
Reflecting adhesive strip	Standard - height 55mm
Fitting depth	200 mm (optional: 300 mm incl. approx. 100 mm for finished floor covering, e.g. paving stones)
Connection line for LED lighting strips	Standard 10m (max 80m)
Impact resistance	250.000 J
Breakout resistance	750.000 J
Load class (EN124)	D400
Certified to	PAS68, IWA 14-1, ASTM M30 (K4)



Breakout resistance **Impact resistance**
● 250,000 J ● 750,000 J



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Pilomat offers **control and safety accessories** for every installed system: reflecting strip, LED lighting strip. Each device is designed to **ensure maximum efficiency, clear signaling, and intuitive operation.**

Available finishes



RAL painting



Brushing



Knurling



Stone mantle

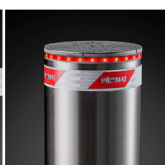


Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip

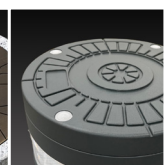


LED lighting strip

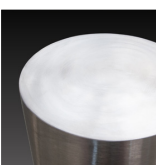
Special design



Custom cover
plate



RAL painted
cover



Welded cover
plate



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