

FIXED

SF
SERIES



PROTECTION



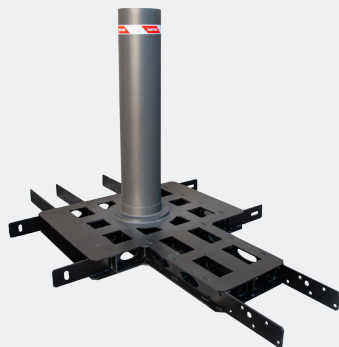
PUBLIC



COMMERCIAL

275/K12SF-900F 275/M50SF-1200F

Fixed bollards with shallow foundation



TRIPLE CERTIFICATION
PAS68, IWA14, ASTM

Maximum security with only 200mm of excavation

The **SF Series fixed bollards** provide certified protection, withstanding impacts from 7.500kg trucks **up to 80 km/h**. Their simplified installation requires only 200 mm of excavation. **Preassembled modules** can be connected to create **custom configurations**.

- Preassembled modules for **faster installation**
- Available in **painted steel**, **stainless steel**, or with a **replaceable stainless steel sleeve**
- **Certified** to international standards: **ASTM, IWA 14-1, PAS68 (K12/M50 level)**.

Smart!

Do you need more resistance?

Also available in a version with **3,000,000 J breakout 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 **with shallow foundation**.

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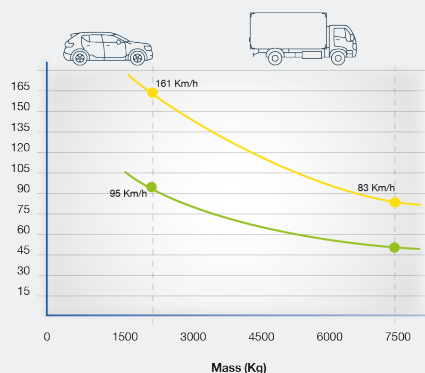
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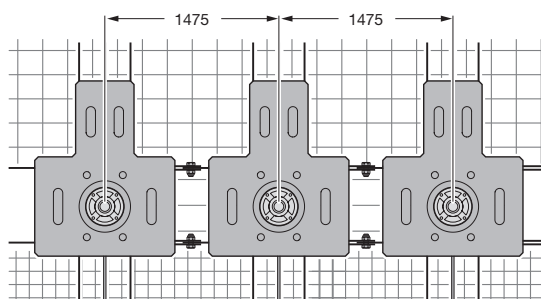
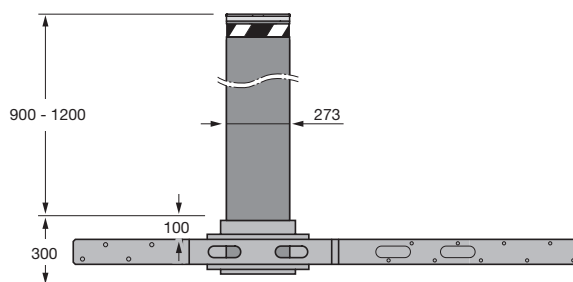
Fixed bollards with shallow foundation

	275/K12SF-900F	275/M50SF-1200F
Cylinder material	S355JR normal steel - X5CrNi 18-10 (AISI 304) - X5CrNiMo 17-12-2 (AISI 316) stainless steel	
Cylinder diameter	273mm	
Cylinder height	900mm	1200mm
Cylinder thickness	20mm	
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)	
Protection class	IP 67	
Impact resistance	700.000 J	
Breakout resistance	2.000.000 J	
Certified to (foundation consisting of at least 3 connected ground fittings)	PAS68, IWA 14-1, ASTM M50 (K12)	



Impact resistance
● 700,000 J

Breakout resistance
● 2,000,000 J



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Fixed bollards with shallow foundation

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

Available finishes



RAL painting



Brushing



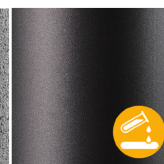
Knurling



Replaceable
stainless steel
sleeve



Stone mantle

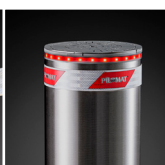


Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip

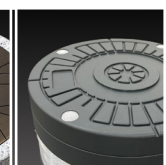


LED lighting strip

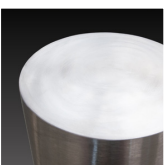
Special design



Custom cover
plate



RAL painted
cover



Welded cover
plate



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