### 275/K12SF 900RM-1200RM

### SHALLOW FOUNDATION REMOVABLE BOLLARD

The removable 275/K12SF bollards have been designed and built for installations with shallow mounted requirements or in presence of underground utilities. The "SF" (shallow foundation) acronym identifies the slimmest laying depth of the entire range.

#### **GENERAL FEATURES**

The removable 275/K12SF bollards are used to separate and prevent vehicles from breaching the perimeter of the following areas: Research Centres, Embassies, Police Headquarters, Military Bases, Ministerial Buildings Sites in Sensitive Areas. The product is unique since the system can be composed depending on the project requirements. Starting from a single bollard configuration, the product is adaptable to different needs such as corners, curves and slopes.





Anticorrosion marine treatment



Replaceable stainless steel sleeve painted or brushed



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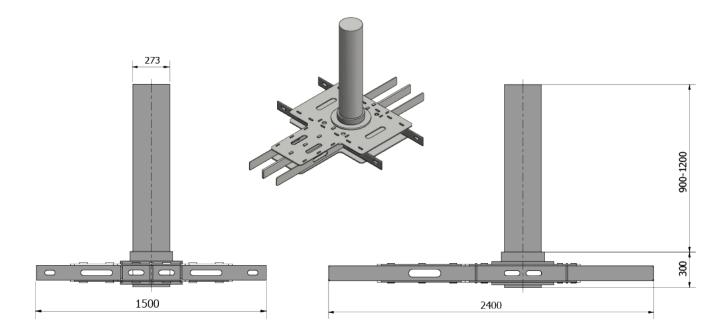
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# 275/K12SF 900RM-1200RM

	275/K12SF-900RM	275/M50SF-1200RM	
CYLINDER MATERIAL		S355JR NORMAL STEEL - X5CrNi 18-10 (AISI 304) STAINLESS STEEL - X5CrNiMo 17-12-2 (AISI 316) STAINLESS STEEL	
CYLINDER DIAMETER	27	271mm	
CYLINDER HEIGHT	900mm	1200mm	
CYLINDER THICKNESS	23	23mm	
CYLINDER NORMAL STEEL FINISH	ANTI-CORROSION TREATMENT - GR	ANTI-CORROSION TREATMENT - GREY ANTHRACITE STANDARD PAINTING	
CYLINDER STAINLESS STEEL FINISH		GREY ANTRACITE STANDARD PAINTING OR BRUSHING FULL INOX CYLINDER OR REPLACEABLE SLEEVE	
REFLECTING ADHESIVE STRIP	STANDARD -	STANDARD - HEIGHT 55mm	
FOUNDATION DEPTH		200mm (optional: 300mm incl. approx 100mm for finished floor covering, e.g. paving stones)	
IMPACT RESISTANCE (WITHOUT DEFORMATION)	250.	250.000 J	
BREAKOUT RESISTANCE	2.000	2.000.000 J	
ANTI-CORROSION TREATMENT "M"	ORDER IN CASE OF INSTALLATION ORDER IN CASE OF INSTALLATION WHE	OPTIONAL ORDER IN CASE OF INSTALLATION AT LESS THAN 2KM FROM THE SEA ORDER IN CASE OF INSTALLATION WHERE SALT IS USED ON THE ROAD TO AVOID ICE FOR A PERIOD UP TO 3 MONTHS	
IN COMPLIANCE	ASTM F2656	PAS68:2013 V/7500(N3)/80 ASTM F2656-07 M50 (K12) IWA 14-1:2013	



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## 275/K12SF 900RM-1200RM

### AVAILABLE ITEMS

BOLLARD 275/K12SF REMOVABLE IN NORMAL STEEL PAINTED equipped with lock including 2 keys

BOLLARD 275/K12SF REMOVABLE IN STAINLESS STEEL PAINTED equipped with lock including 2 keys

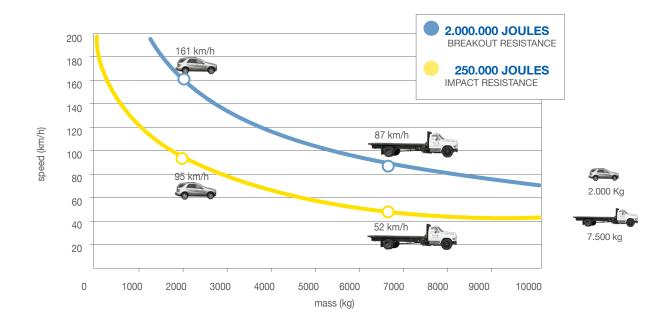
BOLLARD 275/K12SF REMOVABLE IN STAINLESS STEEL BRUSHED equipped with lock including 2 keys

SURCHARGE FOR 100mm HIGHER CYLINDER (e.g. for the use of paving stones)

BOLLARD 275/K12SF REMOVABLE WITH REPLACEABLE SLEEVE STAINLESS STEEL PAINTED OR BRUSHED

HEAD WITHOUT LOGO AND REFLECTING STRIP

PAINTING WITH RAL COLOUR ON REQUEST



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