

# 275/K12SF 900F-1200F



## SHALLOW FOUNDATION FIXED BOLLARD

The fixed 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 fixed 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.



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REVIEW 24/01/2023

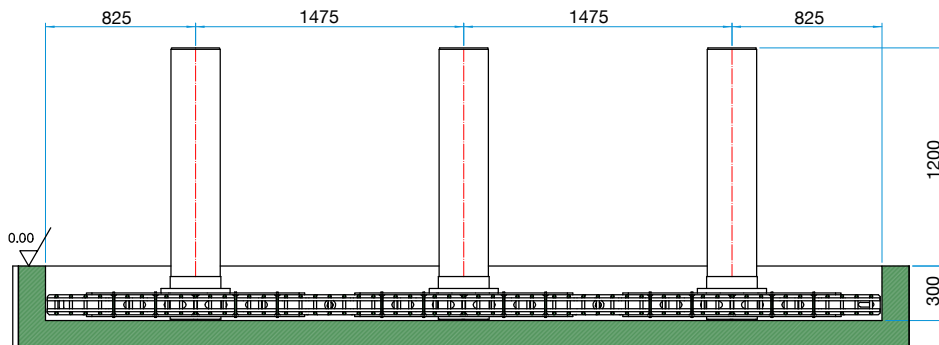
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Picture shown is for illustration purpose only.

# 275/K12SF 900F-1200F



	275/K12SF-900F	275/M50SF-1200F
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	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 FULL INOX CYLINDER OR REPLACEABLE SLEEVE	
OTHER CYLINDER FINISH	KNURLING ON CYLINDER SURFACE	
REFLECTING ADHESIVE STRIP	STANDARD - HEIGHT 55mm	
FOUNDATION DEPTH	200mm (optional: 300mm incl. approx 100mm for finished floor covering, e.g. paving stones)	
IMPACT RESISTANCE (WITHOUT DEFORMATION)	700.000 J	
BREAKOUT RESISTANCE	2.000.000 J	
CONNECTION LINE FOR LIGHTING STRIP (OPTIONAL)	STANDARD 10m (MAX 80m)	
ANTI-CORROSION TREATMENT "M"	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	
CERTIFIED	-	PAS68:2013 V/7500(N3)/80/90:0.7/24.7 ASTM F2656/F2656M C750 P1 IWA 14-1:2013 V/7200 (N3C)/80/90:0.45
IN COMPLIANCE	PAS68:2013 V/7500(N3)/80/90:0.72 ASTM F2656/F2656M C750 P1 IWA 14-1:2013 V/7200 (N3C)/80/90:0.45	-

## EXAMPLES OF CONFIGURATION



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## AVAILABLE ITEMS

BOLLARD 275/K12SF IN NORMAL STEEL PAINTED

BOLLARD 275/K12SF IN STAINLESS STEEL PAINTED

BOLLARD 275/K12SF IN STAINLESS STEEL BRUSHED

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

BOLLARD 275/K12SF WITH REPLACEABLE SLEEVE STAINLESS STEEL PAINTED

BOLLARD 275/K12SF WITH REPLACEABLE SLEEVE STAINLESS STEEL BRUSHED

HEAD WITHOUT LOGO AND REFLECTING STRIP

PAINTING WITH RAL COLOUR ON REQUEST

SURFACE CUSTOMISATION OF THE STAINLESS STEEL CYLINDER COVER

