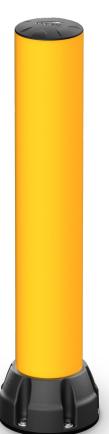


# **BO 200 FORCE BOPLAN BOLLARD SPECIFICATION**

Revision: 24 February 2023 11:16 AM Boplan reference: B020F0-...





#### PRODUCT SPECIFICATIONS

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APPLICATION			
Environment	Both robust and flexible, the BO 200 Force with enforced base absorbs medium to heavy impacts in areas where high risks occurs:  Nearby machinery and infrastructure e.g. walls, accessways, and corners  Nearby heavy-duty vehicle traffic e.g. trucks, vans, and forklifts  Nearby people operating pushcarts, order picking vehicles and pallet trucks (due to buffering base protection)  Indoor and outdoor environments		
Impact performance	16000 Joule (Eq. to 3,8 ton - 10,6 km/h)		
OPTIONAL			
Base Shield	The optional Shield ensures additional protection to crucial internal components by deflecting ground level impacts. It will also increase display presence and hygiene by covering over the fixations.		
Sign Mark 200	Sign board used to display important messages. It is designed for a perfect fit and signs can easily be replaced with just a click.		
Sleeve	Polymer sleeve that can be slided over the bollard.		
Stripes	Colored reflective stripes providing a high level of visibility.		
MATERIAL			
Tube	Novilene <sup>®</sup> - UV resistant - Fire class E* - Non conductive - Impervious to most chemicals**		
Caps	SEBS rubber		
Base Defender	SEBS Rubber		
Base Shield	Base Shield SEBS Rubber		
COLORS			
Bollard	Standard: Yellow RAL 1003 Also available in Black RAL 9005 (multicolor)		
Base Defender	Standard: Black RAL 9005		
BASEPLATE			
	Zinc Coated Steel		
Material	Steel 37		
Coating	Electro plating + Lacquered		
Color	Gloss black		

\*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.

\*\*Ask your local sales office for resistance to specific chemicals.

	FIXATIONS					
			ZC (Zinc coated)	SS (Stainless steel)		
STANDARD	Concrete screw		Ø17mm x 135mm	Not available		
ALTERNATIVE	Wegde anchor		Ø18mm (M12) x 130mm	Not available		



Base Defender with Impact Button

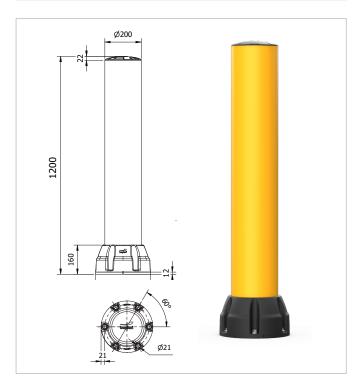


BO 200 Force with optional Base Shield.

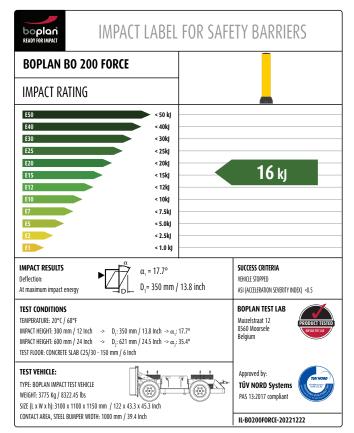


## FEATURES AND FUNCTIONALITY - BO 200 FORCE

SIZE	ZE		
Height	1200 mm 1000 mm 750 mm		
Profile section post	Tube: Ø200 mm (11 mm thick)		
Baseplate	Ø300 mm (12 mm thick)		
Base Defender	Top: Ø200 mm Base: Ø300 mm Height: 160 mm		
Base Shield (optional)	Top: Ø200 mm Base: Ø325 mm Height: 175 mm		



REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness (mm)	minimum 150
Concrete slab dimension around posts (mm)	400 (h) x 400 (w) x 300 (d)
Operational temperature	+5°C up to +40°C
Water and humidity	<b>Zinc coated:</b> Indoor and outdoor use in most environments.

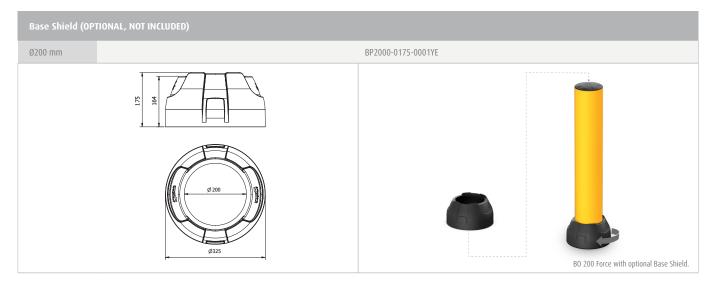


**SPEC**SHEET



## REFERENCE LIST - BO 200 Force

Free standing Bollard 200 Force						
	ZINC COATED (ZC) Non - countersunck					
	YELLOW	MULTICOLOR				
1200 mm	B020F0-1200-0001YEZ	B020F0-1200-0001MCZ				
1000 mm	B020F0-1000-0001YEZ	B020F0-1000-0001MCZ				
750 mm	B020F0-0750-0001YEZ	B020F0-0750-0001MCZ				





**SPEC**SHEET



## REFERENCE LIST - BO 200 Force

STRIPES *			
	Black	White	Yellow
1 STRIPE	PA0300-0200-0001BL	PA0300-0200-0001WH	PA0300-0200-0001YE
2 STRIPES	PA0300-0200-0002BL	PA0300-0200-0002WH	PA0300-0200-0002YE
3 STRIPES	PA0300-0200-0003BL	PA0300-0200-0003WH	PA0300-0200-0003YE

<sup>\*</sup> Remark: Stripes cannot be ordered separately

