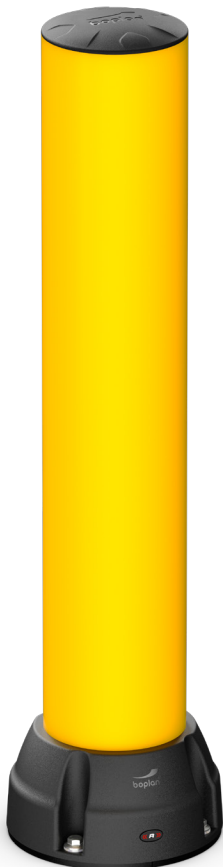


BO200R

BOLLARDS AND HEIGHT RESTRICTORS

Revision: 6 July 2026 9:37 AM
Boplan reference: BO200R...



Base Defender with Impact Button

PRODUCT SPECIFICATIONS

APPLICATION		
Environment	The BO200R, designed for areas prone to frequent impact risks like gates, access ways, corners, and machinery, ensures robust protection against collisions. Whether used as a free-standing bollard or combined with other Boplan products, like our traffic barrier systems, it showcases versatility in protective applications. With a 8 inch tube diameter and a solid large base, it efficiently absorbs collision forces and keeps pallets at a certain distance from the bollard to protect hands and prevent injury. Suitable for both indoor and outdoor environments.	
Impact performance	10 200 Joule (Eq. to 3,8 ton - 5.1 mph) - Following UNI 11886-1	
MATERIAL		
Tube	Extrilene - UV resistant - Fire class E [®] - Non conductive - Impervious to most chemicals ^{**}	
Cap	Sustainable elastomer	
Base Defender	Sustainable elastomer	
Base Shield	Sustainable elastomer	
COLORS		
Bollard	Standard: Yellow RAL 1003 Also available in Black RAL 9005, Grey RAL 7042 and Red RAL 3020 (multicolor)	
Base Defender	Standard: Black RAL 9005	
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 slid over the bollard.	
Stripes	Colored reflective stripes providing a high level of visibility.	
BASEPLATES		
	Zinc Coated Steel	Stainless steel
Material	Steel 37	Stainless steel 304
Coating	Electroplated + Lacquered	No lacquer / No coating
Color	Mat black	Natural color

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

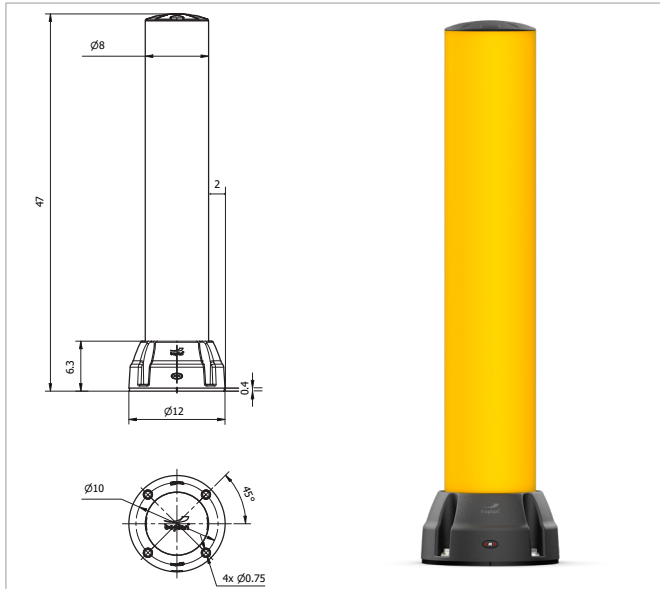
**Ask your local sales office for resistance to specific chemicals.

FIXATIONS				
			ZC (Zinc coated)	SS (Stainless steel)
STANDARD	Concrete screw		Ø17mm x 130mm	Not available
ALTERNATIVE	Wedge anchor		Ø18mm (M12) x 130mm	Ø18mm (M12) x 130mm
	Asphalt anchor		Bolt M16 x 50mm + Screw Ø22 x 100mm	Not available

The anchors specified in this document are metric. Imperial anchors are available on demand.

FEATURES AND FUNCTIONALITY - BO200R

SIZE	
Height	18 in 24 in 30 in 40 in 47 in 47 - 60 in 63 - 79 in 83 - 98 in
Profile section post	Tube: Ø8 in (0.4 in thick)
Baseplate	Ø12 in (0.4 in thick)
Base Defender	Top: Ø8 in Base: Ø12 in Height: 6 in
Base Shield (optional)	Top: Ø8 in Base: Ø13 in Height: 7 in
Profile section rails (if used)	Rail 3.5 in x 3.5 in (0.3 in thick)
	Rail 2 in x 2.7 in (0.2 in thick)

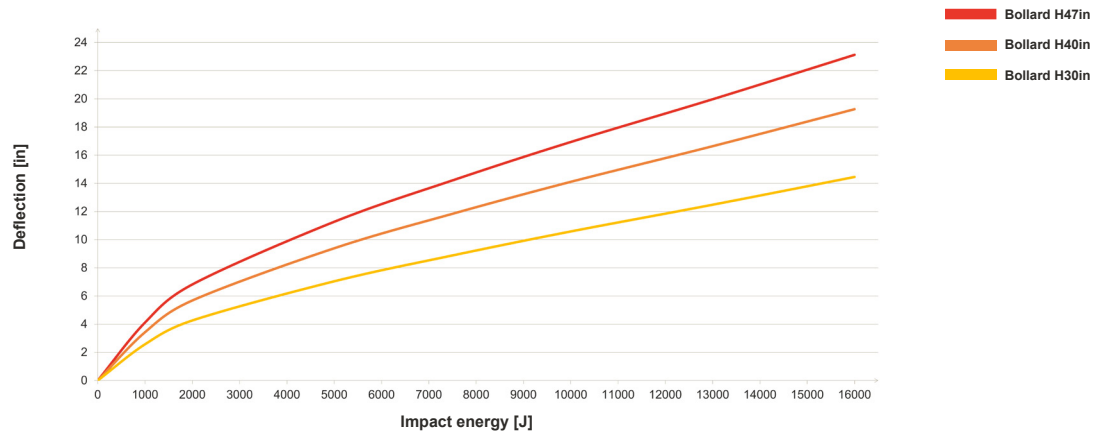


REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness (in)	minimum 6 in
Concrete slab dimension around posts (in)	27.5 (h) x 27.5 (w) x 23.6 (d)
Operational temperature	14°F up to 104°F
Water and humidity	Zinc coated: Indoor and outdoor use in most environments. Stainless steel: outdoor use or frequent exposure to water and humidity.

boplan IMPACT LABEL SAFETY GATES		BOLLARD 200R	
BOPLAN IMPACT CATEGORY	RATING	90°	UNI 11886-1
X	50 kJ		ENERGY CLASS
T	40 kJ		4
F	30 kJ		OPERATIONAL FOOTPRINT
R	25 kJ		W600
B	20 kJ		ASI CLASS
L	17 kJ		a
	15 kJ		
	12 kJ		
	10 kJ		
	7.5 kJ		
	5.0 kJ		
	2.5 kJ		
	0.5 kJ		
		*Dynamic impact result: 10 200 joule	
IMPACT TEST RESULTS AT 90°		$\alpha = 17,9^\circ$ D = 36,8 mm / 25.1 inch	
PRODUCT: BO200R0-1200-0001YEZ Deflection (D) At maximum impact energy		TEST CONDITIONS FOLLOWING UNI 11886-1 AND PAS13: 2017 TEMPERATURE: 20°C / 68°F IMPACT MIDDLE OF POST IMPACT HEIGHT: 300 mm / 47.2 Inch → D: 368.8 mm / 25.1 Inch → α : 17.9° TEST FLOOR: CONCRETE SLAB C25/30 - 150 mm / 6 Inch	
TEST VEHICLE: TYPE: BOPLAN IMPACT TEST VEHICLE WEIGHT: 3775 Kg / 8322.45 lbs SIZE (L x W x h): 3100 x 1100 x 1150 mm / 122 x 43.3 x 45.3 Inch CONTACT AREA, STEEL BUMPER WIDTH: 1000 mm / 39.4 Inch		BOPLAN TEST CENTRE Muizelstraat 12 8560 Moorsele Belgium Approved by: TÜV NORD Systems 	
* IMPACT VALUE ACCOUNTING FOR BARRIER DEFORMATION DURING IMPACT		IL-BO200R-20250404	

FEATURES AND FUNCTIONALITY - B0200R

Deflection curve



See impact label for detailed information on the test conditions.



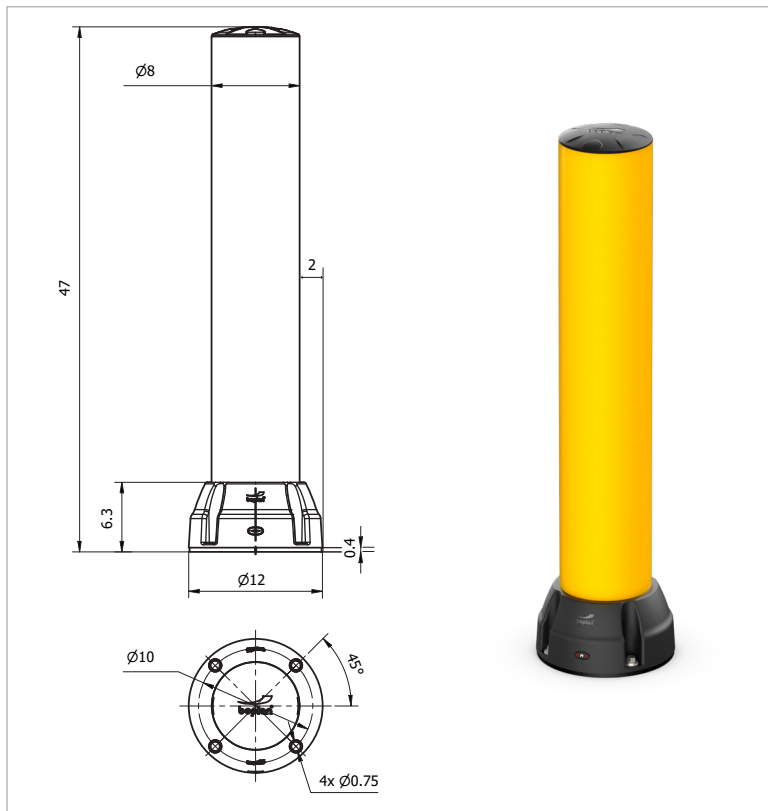
Boplan USA INC | 4350 W White Road, Suite 300, Flowery Branch, GA | +1 678 890 5906 | sales@boplan.us | www.boplan.com

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REFERENCE LIST - BO200R

	ZINC COATED (ZC)		STAINLESS STEEL (SS)	
	YELLOW	MULTICOLOR 	YELLOW	MULTICOLOR 
18 in	BO200R0-0450-0001YEZ	BO200R0-0450-0001MCZ	BO200R0-0450-0001YES	BO200R0-0450-0001MCS
24 in	BO200R0-0600-0001YEZ	BO200R0-0600-0001MCZ	BO200R0-0600-0001YES	BO200R0-0600-0001MCS
30 in	BO200R0-0750-0001YEZ	BO200R0-0750-0001MCZ	BO200R0-0750-0001YES	BO200R0-0750-0001MCS
40 in	BO200R0-1000-0001YEZ	BO200R0-1000-0001MCZ	BO200R0-1000-0001YES	BO200R0-1000-0001MCS
47 in	BO200R0-1200-0001YEZ	BO200R0-1200-0001MCZ	BO200R0-1200-0001YES	BO200R0-1200-0001MCS
47 - 60 in	BO200R1-1525-0001YEZ	BO200R1-1525-0001MCZ	BO200R1-1525-0001YES	BO200R1-1525-0001MCS
63 - 79 in	BO200R1-2000-0001YEZ	BO200R1-2000-0001MCZ	BO200R1-2000-0001YES	BO200R1-2000-0001MCS
83 - 98 in	BO200R1-2500-0001YEZ	BO200R1-2500-0001MCZ	BO200R1-2500-0001YES	BO200R1-2500-0001MCS



SPEC SHEET >>> 93

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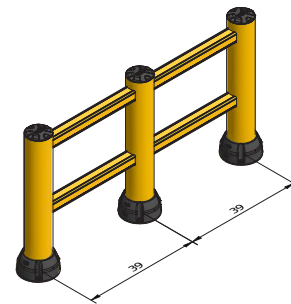
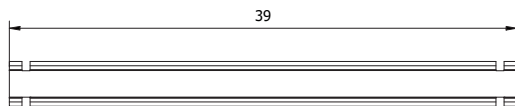
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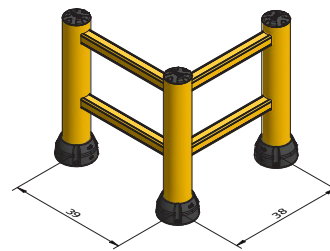
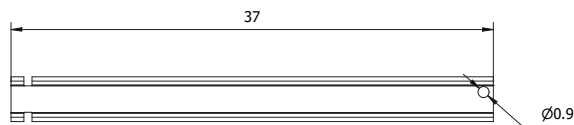
BOLLARD RAILS (R88)

		Standard rail	Non - Standard rail	
		40 in	12 - 47 in	47 - 69 in
2R (R88)	Rail - YE	BR1880-1000-S200YE	BR1881-1200-S200YE	BR1881-1750-S200YE
	Corner rail 90° - 1C - YE	BR1880-1000-S21CYE	BR1881-1200-S21CYE	BR1881-1750-S21CYE
	Corner rail 90° - 2C - YE	BR1880-1000-S22CYE	BR1881-1200-S22CYE	BR1881-1750-S22CYE
3R (R88)	Rail - YE	BR1880-1000-S300YE	BR1881-1200-S300YE	BR1881-1750-S300YE
	Corner rail 90° - 1C - YE	BR1880-1000-S31CYE	BR1881-1200-S31CYE	BR1881-1750-S31CYE
	Corner rail 90° - 2C - YE	BR1880-1000-S32CYE	BR1881-1200-S32CYE	BR1881-1750-S32CYE

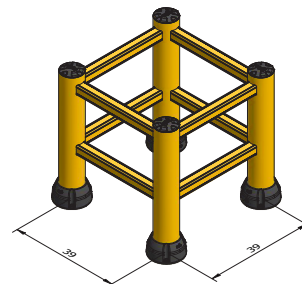
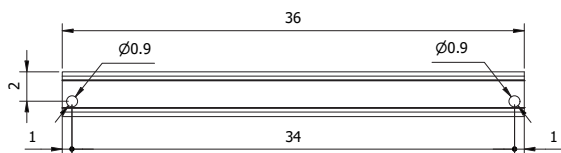
STANDARD RAIL



STANDARD CORNER RAIL 90° - 1 X CORNER



STANDARD CORNER RAIL 90° - 2 X CORNER

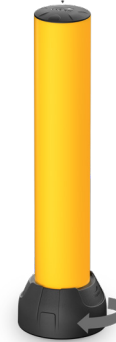
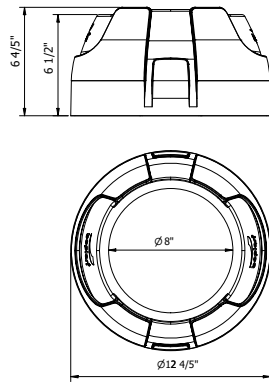


REFERENCE LIST - B0200R

Base Shield (OPTIONAL, NOT INCLUDED)

Ø8 in

BP2000-0175-0001BL



B0200F with optional Base Shield.

Sleeve (OPTIONAL, NOT INCLUDED)

Bollard

YELLOW

MULTICOLOR



47 in

BS2250-1005-0001YE

BS2250-1005-0001MC

40 in

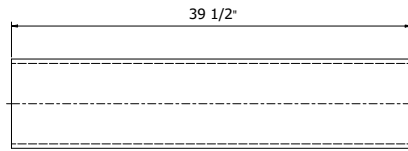
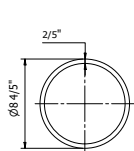
BS2250-0805-0001YE

BS2250-0905-0001MC

30 in

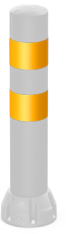
BS2250-0555-0001YE

BS2250-0555-0001MC



B0200R with optional Sleeve and Base Shield.

REFERENCE LIST - B0200R

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
			

* Remark: Stripes cannot be ordered separately

BOLLARD WITH STRIPES INCLUDED			
	Black	White	Yellow
1 STRIPE			
2 STRIPES			
			