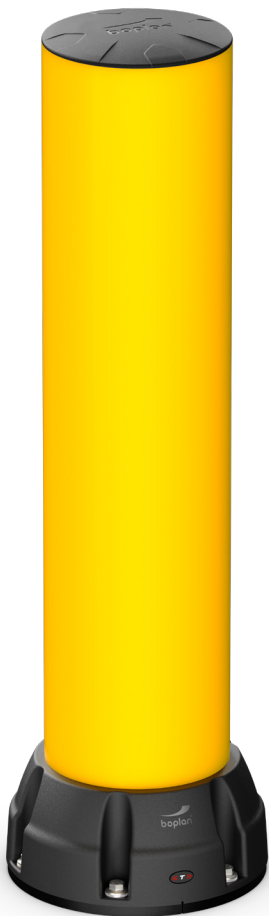


BO250T

BOLLARDS AND HEIGHT RESTRICTORS

Revision: 6 July 2026 9:37 AM
Boplan reference: BO250T...



Base Defender with Impact Button

PRODUCT SPECIFICATIONS

APPLICATION	
Environment	The BO250T stands out as the strongest in Boplan's impact-resistant bollard series, providing durable protection against frequent collisions with heavy vehicles. With a 0.6 inch thick steel baseplate, a reinforced base, and a 10 inch tube diameter, it is the ideal choice for guarding gates, access ways, corners, and machinery. Its robust yet flexible design efficiently absorbs heavy impacts. Due to the large Base, pallets are kept at a certain distance from the bollard to protect hands and prevent injury. Suitable for both indoor and outdoor environments.
Impact performance	24100 Joule (Eq. to 3,8 ton - 8mph)
MATERIAL	
Tube	Extrilene - UV resistant - Fire class E* - Non conductive - Impervious to most chemicals**
Cap	Sustainable elastomer
Base Defender	Sustainable elastomer
COLORS	
Bollard	Standard: Yellow RAL 1003 Also available in Black RAL 9005 (multicolor)
Base Defender	Standard: Black RAL 9005
OPTIONAL	
Stripe	Colored reflective stripe providing a high level of visibility.
BASEPLATES	
	Zinc Coated Steel
Material	Steel 37
Coating	Electroplated + Lacquered
Color	Mat black

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

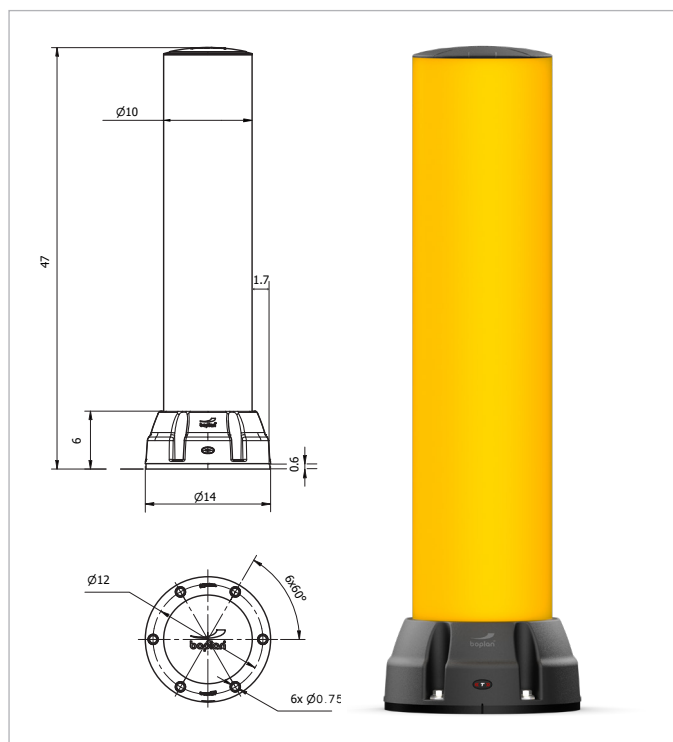
**Ask your local sales office for resistance to specific chemicals.

FIXATIONS					
		ZC (Zinc coated)		SS (Stainless steel)	
STANDARD	Concrete screw		Ø17mm x 130mm		Not available

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

FEATURES AND FUNCTIONALITY - B0250T

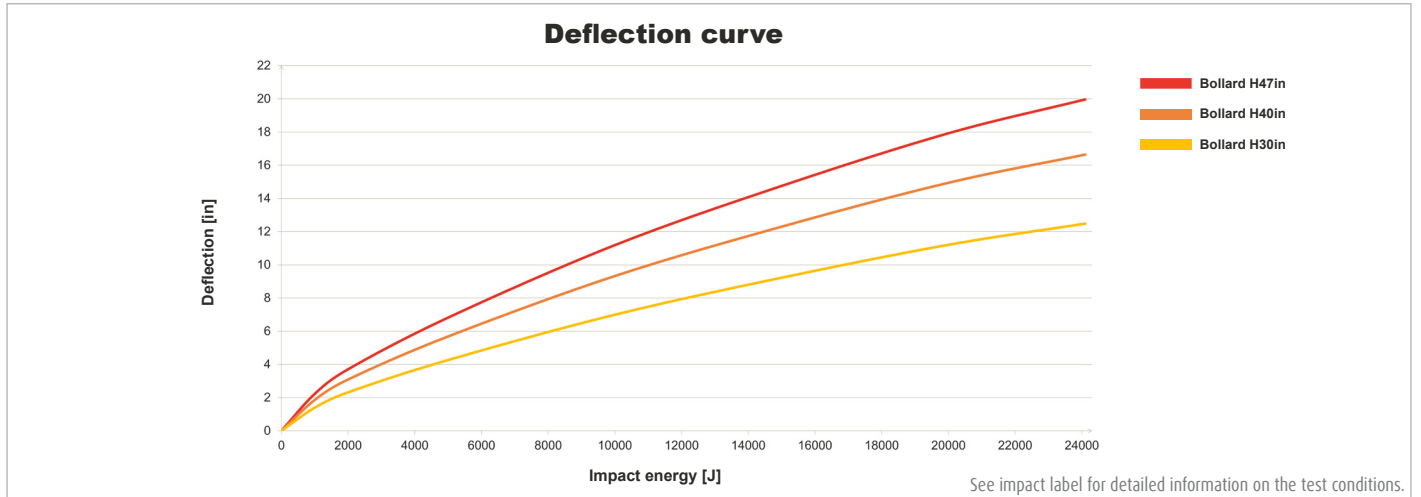
SIZE	
Height	40 in
	47 in
	47-60 in
	63 - 79 in
	83 - 98 in
Profile section	Ø10 in (0.4 in thick)
Baseplate	Ø14 in (0.6 in thick)
Base Defender	Top: Ø10 in Base: Ø14 in Height: 6 in



REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness (in)	minimum 6 in
Concrete slab dimension around posts (in)	40 (h) x 40 (w) x 26 (d)
Operational temperature	14°F up to 104°F
Water and humidity	Zinc coated: Indoor and outdoor use in most environments.

IMPACT LABEL FOR SAFETY BARRIERS																									
BOPLAN B0250T																									
IMPACT RATING																									
<table border="1"> <tr><td>E50</td><td>< 50 kJ</td></tr> <tr><td>E40</td><td>< 40 kJ</td></tr> <tr><td>E30</td><td>< 30 kJ</td></tr> <tr><td>E25</td><td>< 25 kJ</td></tr> <tr><td>E20</td><td>< 20 kJ</td></tr> <tr><td>E15</td><td>< 15 kJ</td></tr> <tr><td>E12</td><td>< 12 kJ</td></tr> <tr><td>E10</td><td>< 10 kJ</td></tr> <tr><td>E7</td><td>< 7.5 kJ</td></tr> <tr><td>E5</td><td>< 5.0 kJ</td></tr> <tr><td>E2</td><td>< 2.5 kJ</td></tr> <tr><td>E1</td><td>< 1.0 kJ</td></tr> </table>	E50	< 50 kJ	E40	< 40 kJ	E30	< 30 kJ	E25	< 25 kJ	E20	< 20 kJ	E15	< 15 kJ	E12	< 12 kJ	E10	< 10 kJ	E7	< 7.5 kJ	E5	< 5.0 kJ	E2	< 2.5 kJ	E1	< 1.0 kJ	
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IMPACT RESULTS Deflection: At maximum impact energy	 $\alpha = 25^\circ$ D= 507 mm / 20 inch																								
TEST CONDITIONS TEMPERATURE: 20°C / 68°F IMPACT HEIGHT: 610 mm / 47.2 Inch -> D: 507 mm / 20 Inch -> α : 25° TEST FLOOR: CONCRETE SLAB C25/30 - 150 mm / 6 inch	SUCCESS CRITERIA VEHICLE STOPPED ASI (ACCELERATION SEVERITY INDEX) <0.5																								
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 1/4 x 45 1/4 inch CONTACT AREA, STEEL BUMPER WIDTH: 1000 mm / 39 1/4 inch	BOPLAN TEST CENTRE Muizelstraat 12 8560 Moorsele Belgium  IL-B0200R-20240209																								

FEATURES AND FUNCTIONALITY - B0250T



REFERENCE LIST - B0250T

	ZINC COATED (ZC)	
	YELLOW	MULTICOLOR ■
40 in	B0250T0-1000-0001YEZ	B0250T0-1000-0001MCZ
47 in	<u>B0250T0-1200-0001YEZ</u>	B0250T0-1200-0001MCZ
47 - 60 in	B0250T1-1525-0001YEZ	B0250T1-1525-0001MCZ
63 - 79 in	B0250T1-2000-0001YEZ	B0250T1-2000-0001MCZ
83 - 98 in	B0250T1-2500-0001YEZ	B0250T1-2500-0001MCZ

STRIPES (B0 not included)			
	Black	White	Yellow
1 STRIPE	PA0300-0250-0001BL	PA0300-0250-0001WH	PA0300-0250-0001YE
2 STRIPES	PA0300-0250-0002BL	PA0300-0250-0002WH	PA0300-0250-0002YE
			

* Remark: Stripes cannot be ordered separately