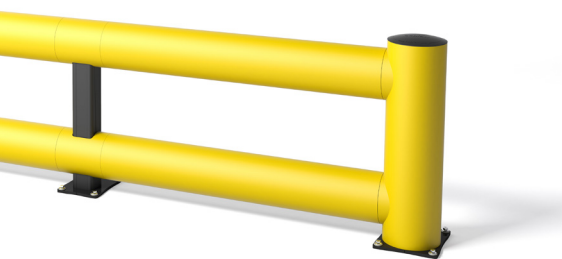


TB 260 DOUBLE BOPLAN SAFETY BARRIER SPECIFICATION SHEET

Revision: 25 April 2023 9:52 AM
Boplan reference: DT260 ...



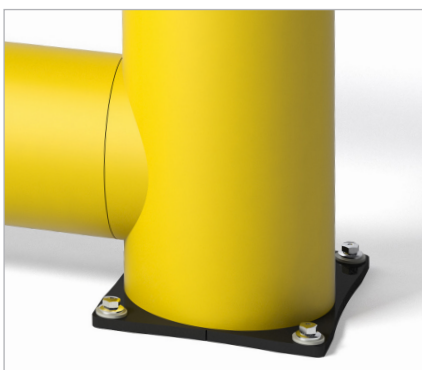
PRODUCT SPECIFICATIONS

APPLICATION			
Environment	A double traffic barrier that closely resembles a guardrail which goes the extra mile in shielding pedestrians from vehicle collisions. The lower centre of gravity provides extra strength.		
Impact performance at 90°	POST: 39800 Joule (Eq. to 10 ton - 10,2 km/h)		
	RAIL: 46500 Joule (Eq. to 10 ton - 11,0 km/h)		
MATERIAL			
Posts and rails	Novilene® - UV resistant - Fire class E° - Non conductive - Impervious to most chemicals**		
STANDARD COLORS			
End post	Yellow		
Mid post	Yellow		
Tubes (rails)	Yellow		
BASEPLATES			
	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	Stainless steel 304
Coating	Lacquered	Lacquered + electro plating	No Itacquer / No coating
Color	High gloss black	Matt 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	Wedge anchor	 Ø18mm (M12) x 130mm	Ø18mm (M12) x 130mm
	Anchor rod (Chemical)	 M16 x 120mm + Chemical resin	M16 x 120mm + Chemical resin
	Concrete screw	 Ø17mm x 135mm	Not available
	Asphalt anchor	 Bolt M16 x 50mm + Screw Ø22 x 100mm	Not available

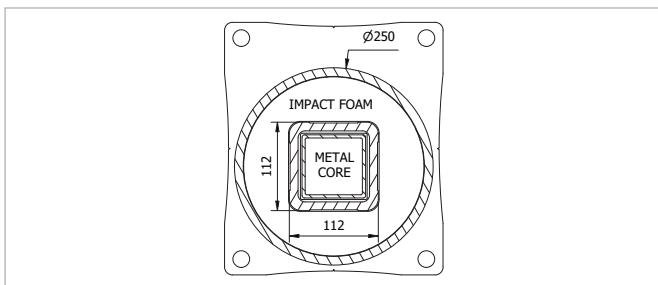
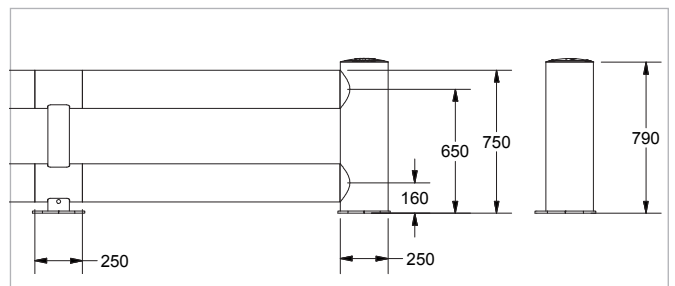
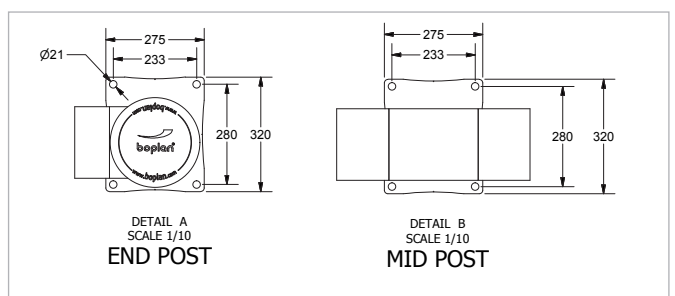


FEATURES AND FUNCTIONALITY - TB 260 DOUBLE

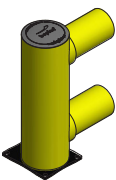
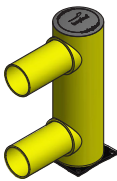
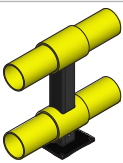
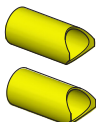
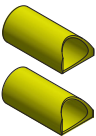
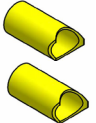
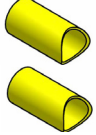
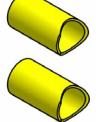
SIZE	
Height end posts	790 mm
Height mid post	750 mm
Profile section tubes	Ø200 mm (11 mm thick)
Profile section end posts	Outer tube: Ø250 mm (11 mm thick) Inner profile: 112 mm x 112 mm (10 mm thick)
Profile section mid posts	Profile: 112 mm x 112 mm (10 mm thick)
Standard rail length	1350 mm (other sizes: 750 mm - 1750 mm)
Baseplate	End Post: 275 mm x 320 mm (12mm thick) Mid Post: 275 mm x 320 mm (12mm thick)

REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness	minimum 150 mm
Concrete slab dimension around posts (mm)	800 (h) x 800 (w) x 600 (d)
Operational temperature	-10°C up to +40°C
Water and humidity	Steel (standard): dry indoor use only. Zinc coated : outdoor use in most environments. Stainless Steel : outdoor use or frequent exposure to water and humidity.

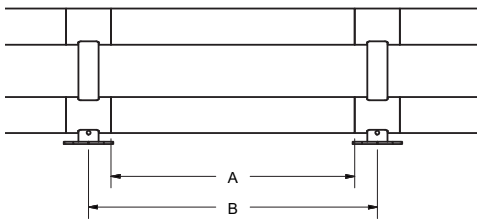
IMPACT LABEL FOR SAFETY BARRIERS		
BOPLAN TB260 DOUBLE		
IMPACT RATING	45°	90° PAS 13:2017 compliant
E80 > 80 kJ	65,7 kJ	
E60 > 60 kJ		
E50 > 50 kJ		46,5 kJ
E40 > 40 kJ		
E35 > 35 kJ		
E30 > 30 kJ		
E25 > 25 kJ		
E20 > 20 kJ		
E15 > 15 kJ		
E10 > 10 kJ		
E5 > 5,0 kJ		
E2 > 2,5 kJ		
TEST CONDITIONS TEMPERATURE: 20°C IMPACT HEIGHT: 650 mm IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm MANUFACTURER ANCHOR PULL OUT: 17 kN		
TEST VEHICLE WEIGHT: 2300 KG TYPE: COMMERCIAL FORK LIFT SIZE (L x W x H): 1890 x 1020 x 1970 mm CONTACT AREA: STEEL BUMPER WIDTH: 600 mm		
ACCREDITED TEST LABORATORY 620 Route des Fromentaux 01500 Saint-Maurice-de-Rémens 01360 Beligneux France		
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5		



REFERENCE LIST - TB 260 DOUBLE

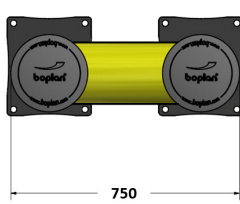
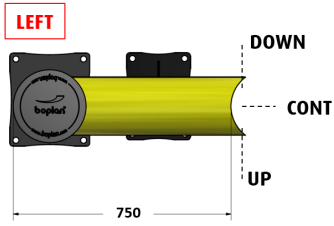
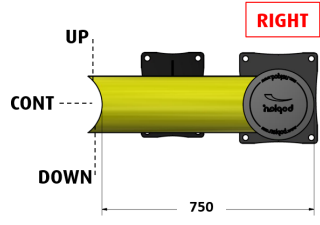
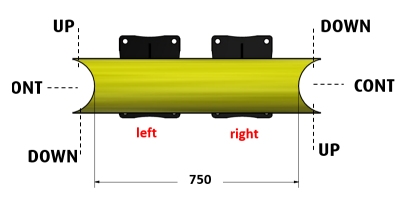
POSTS		
End post Left End post Left - ZC End post Left - SS	DT2600-0001-EPLYE DT2600-0001-EPLYEZ DT2600-0001-EPLYES	
End post Right End post Right - ZC End post Right - SS	DT2600-0001-EPRYE DT2600-0001-EPRYEZ DT2600-0001-EPRYES	
Mid post Mid post - ZC Mid post - SS	DT2600-0001-MPYE DT2600-0001-MPYEZ DT2600-0001-MPYES	
CURVES		
Conn.tube Ø200 Curve 350mm - YE	DT2600-0350-C200YE	
Conn.tube Ø200 - 45° Curve 350mm - YE	DT2600-0350-C204YE	
Conn.tube Ø200 - 90° Curve 350mm - YE	DT2600-0350-C209YE	
Conn.tube Ø250 Curve 350mm - YE	DT2600-0350-C250YE	
Conn.tube Ø250 - 90° Curve 350mm - YE	DT2600-0350-C259YE	

RAIL SETS			
	Tube length (A)	CC length (B)	Reference
Standard rail	750 mm	1000 mm	DT2600-0750-1000YE
Standard rail	950 mm	1200 mm	DT2600-0950-1200YE
Standard rail	1150 mm	1400 mm	DT2600-1150-1400YE
Standard rail	1350 mm	1600 mm	DT2600-1350-1600YE
Standard rail	1550 mm	1800 mm*	DT2600-1550-1800YE
Standard rail	1750 mm	2000 mm*	DT2600-1750-2000YE
Short rail	600-1349 mm	850-1599 mm	DT2609-1599-SRYE
Long rail	1351-1749 mm	1601-2000 mm*	DT2609-2000-LRYE



* The impact performance has not been tested for tube lengths > 1600 mm. Only use these lengths for non - critical applications.

REFERENCE LIST - TB 260 DOUBLE

FIXED UNITS					
TYPE		LENGTH	BASE	YELLOW	
no curves	na	750 mm	Steel ZC SS	DT2600-0750-FUYE DT2600-0750-FUYEZ DT2600-0750-FUYES	
		751-1750 mm	Steel ZC SS	DT2601-1750-FUYE DT2601-1750-FUYEZ DT2601-1750-FUYES	
1 curve	Endpost LEFT	750 mm	Steel ZC SS	DT2600-0750-FU1CLYE DT2600-0750-FU1CLYEZ DT2600-0750-FU1CLYES	
		751-1750 mm	Steel ZC SS	DT2601-1750-FU1CLYE DT2601-1750-FU1CLYEZ DT2601-1750-FU1CLYES	
	Endpost RIGHT	750 mm	Steel ZC SS	DT2600-0750-FU1CRYE DT2600-0750-FU1CRYEZ DT2600-0750-FU1CRYES	
		751-1750 mm	Steel ZC SS	DT2601-1750-FU1CRYE DT2601-1750-FU1CRYEZ DT2601-1750-FU1CRYES	
2 curves	na	800 mm	Steel ZC SS	DT2600-0800-FU2CYE DT2600-0800-FU2CYEZ DT2600-0800-FU2CYES	
		801-1750 mm	Steel ZC SS	DT2601-1750-FU2CYE DT2601-1750-FU2CYEZ DT2601-1750-FU2CYES	