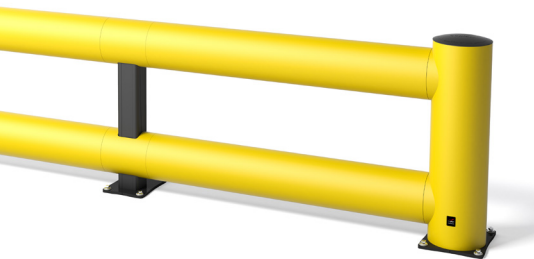


TB260 DOUBLE BOPLAN SAFETY BARRIER SPECIFICATION SHEET

Revision: 3 December 2018 11:36 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.	
Advisory speed	9.0 km/h	For gross weight vehicle of 5000 kg
	6.5 km/h	For gross weight vehicle of 10000 kg

MATERIAL

Posts and rails	Polyolefin - UV resistant - Fire class HB* - Non conductive - Impervious to most chemical products**
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STANDARD COLORS

End post	Yellow
Mid post	Yellow
Tubes (rails)	Yellow

BASEPLATES

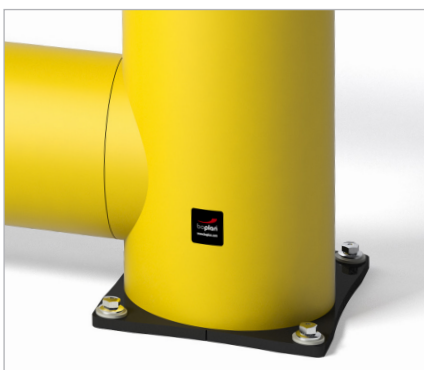
	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	INOX (RVS 304)
Coating	Lacquered	Lacquered + electro plating	No lacquer / No coating
Color	High gloss black	Matt black	Natural color

FIXATIONS

	ZINC COATED	INOX
 HEAVY DUTY EXPANSION ANCHOR	Length = 120 mm Size = M12 Drill hole diameter = 20 mm Max load (pull out) = 17 kN	Length = 120 mm Size = M12 Drill hole diameter = 20 mm Max load (pull out) = 10.7 kN
 THREADED ROD (WITH CHEMICAL ANCHOR)	Length = 120 mm Size = M16 Drill hole diameter = 18 mm Max load (pull out) = 20 kN	Length = 120 mm Size = M16 Drill hole diameter = 18 mm Max load (pull out) = 20 kN

*Fire class HB = Slow burning; classification according to UL94: US Standard for Safety of Flammability of Plastics

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

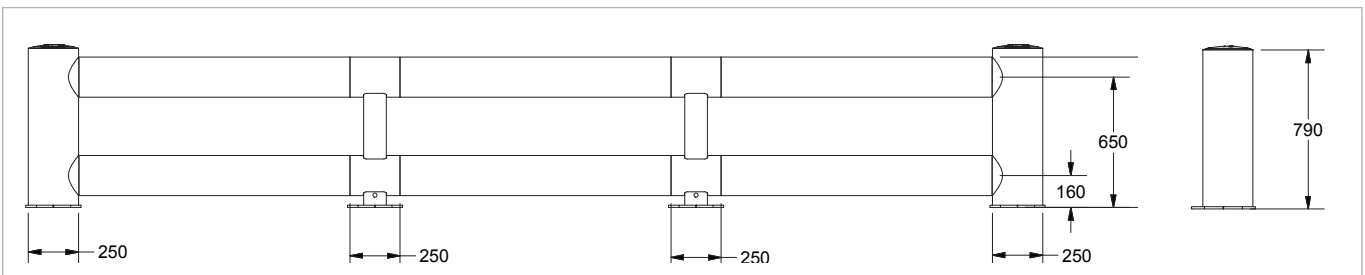
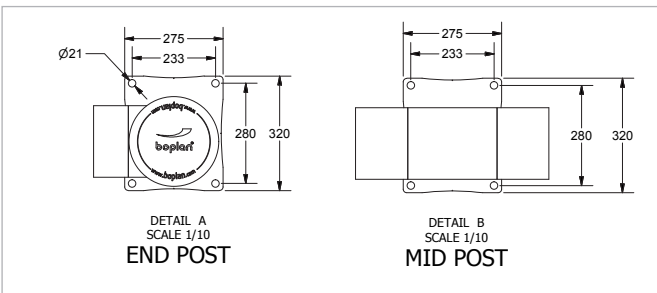


FEATURES AND FUNCTIONALITY TB260 DOUBLE

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: 320 mm x 275 mm (12mm thick) Mid Post: 320 mm x 275 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. RVS: outdoor use or frequent exposure to water and humidity.

IMPACT PERFORMANCE		
Test conditions	Ambient temperature	20°C
	Tube length	1600mm (center - center)
Test conditions	Fork lift weight	2300kg
	Floor	Industrial concrete
Test conditions	Success criteria	Fork lift stopped by barrier
	90° impact	Maximum impact on post
90° impact	Maximum impact on tube	46500 Joule
	45° impact	Maximum impact on tube

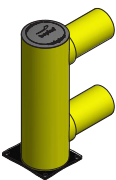
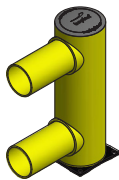
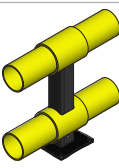
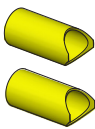
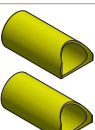
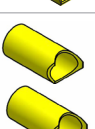
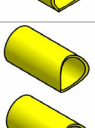
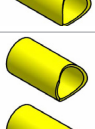


S = Stainless steel (=inox = RVS)
 Z = Zinc coated (=galvanized)
 C = chamfered
 YE = Yellow

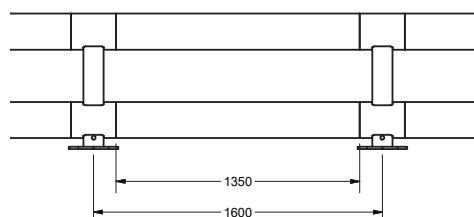
CC = Center - Center distance



REFERENCE LIST - TB260 DOUBLE

POSTS		
End post Left End post Left - SS End post Left - Zinc coated	DT2600-0001-EPLYE DT2600-0001-EPLYES DT2600-0001-EPLYEZ	
End post Right End post Right - SS End post Right - Zinc coated	DT2600-0001-EPRYE DT2600-0001-EPRYES DT2600-0001-EPRYEZ	
Mid post Mid post - Stainless steel Mid post - Zinc coated	DT2600-0001-MPYE DT2600-0001-MPYES DT2600-0001-MPYEZ	
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	CC length	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



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REFERENCE LIST - TB260 DOUBLE

FIXED UNITS				
TYPE	LENGTH	YELLOW		
no curves	750 mm	DT2600-0750-FUYE DT2600-0750-FUYEZ DT2600-0750-FUYEZ		
	751-1750 mm	DT2601-1750-FUYE DT2601-1750-FUYEZ DT2601-1750-FUYEZ		
1 curve	750 mm	DT2600-0750-FU1CYE DT2600-0750-FU1CYES DT2600-0750-FU1CYES		
	751-1750 mm	DT2601-1750-FU1CYE DT2601-1750-FU1CYES DT2601-1750-FU1CYES		
2 curves	750 mm	DT2600-0750-FU2CYE DT2600-0750-FU2CYES DT2600-0750-FU2CYES		
	751-1750 mm	DT2601-1750-FU2CYE DT2601-1750-FU2CYES DT2601-1750-FU2CYES		