

TB 260 PLUS FENCE

SAFETY BARRIERS

Revision: 19 December 2024 8:53 AM
Boplan reference: TF2600-...








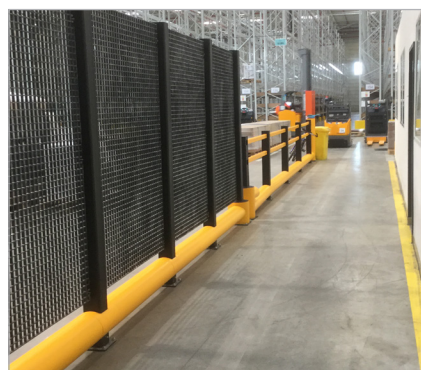
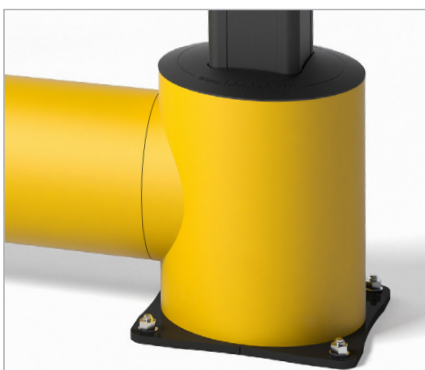
PRODUCT SPECIFICATIONS

APPLICATION	
Environment	TB 260 Plus Fence provides an effective low to the ground crash protection with machine guard fencing. The low centre of gravity prevents goods or pallets sliding under the barrier.
Impact performance at 90°	POST: 12000 Joule (Eq. to 5 ton - 5 mph)
	RAIL: 21200 Joule (Eq. to 5 ton - 6.5 mph)
MATERIAL	
Posts	Extrilene® - UV resistant - Fire class E* - Non conductive - Impervious to most chemicals**
Mesh	Glass fiber reinforced composite
STANDARD COLOURS	
End post	Yellow RAL 1003
Mid post	Yellow RAL 1003
Impact tube	Yellow RAL 1003
Mesh	Black RAL 9005
BASEPLATES	
	Steel
Material	Steel 37
Coating	Lacquered
Colour	High 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	Wedge anchor		1/2 in x 4 1/2 in	Not available
	Wedge anchor		M12 x 120 mm	M12 x 120 mm
ALTERNATIVES	Anchor rod (Chemical)		M12 x 120 mm + Chemical resin	M12 x 120 mm + Chemical resin
	Asphalt anchor		Bolt M10 x 40 mm + Screw Ø16 mm	Not available
	Spit anchor		Bolt M12 x 100 mm + Plug Ø20 mm	Not available



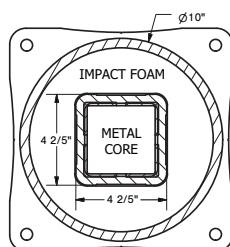
FEATURES AND FUNCTIONALITY - TB 260 PLUS FENCE

SIZE	
Height end posts	90 1/2 in
Height mid post	90 1/2 in
Profile section tubes	Ø8 in (2/5 in thick)
Mesh	48 x 70 4/5 in (1/2 in thick) Mesh inner dimension 1 1/3 x 1 1/3 in
Profile section end posts	Outer tube: Ø10 in (2/5 in thick) Inner profile: 4 2/5 x 4 2/5 in (1/3 in thick)
Profile section mid posts	Profile: 4 2/5 x 4 2/5 in (1/3 in thick)
Standard rail length	CC54 in (Tube length - 44 in) Other sizes: CC34 - CC53 in
Baseplate	End Post: 10 4/5 x 10 4/5 x (1/3 in thick) Mid Post: 7 x 7 x (1/3 in thick)

REQUIREMENTS	
Concrete quality	minimum 4000 PSI (C25/30)
Concrete floor plate thickness	minimum 6 in
Concrete slab dimension around posts (in)	23 2/3 (h) x 23 2/3 (w) x 11 4/5 (d)
Operational temperature	14°F up to 104°F
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 TB 260 PLUS FENCE		
IMPACT RATING	45°	90°
E80	< 80 kJ	
E60	< 60 kJ	
E50	< 50 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	
	30,0 kJ	21,2 kJ
TEST CONDITIONS	TEST VEHICLE	ACCREDITED TEST LABORATORY
TEMPERATURE: 20°C / 68°F IMPACT HEIGHT: 160 mm / 6 1/4 Inch IMPACT ANGLE: 90° TEST FLOOR: CONCRETE SLAB C25/30 - 160 mm / 6 Inch MANUFACTURER ANCHOR PULL OUT: 7,9 kN	WEIGHT: 2300 KG / 5070.63 lbs TYPE: COMMERCIAL FORK LIFT SIZE (L x W x h): 1890x1020x1970 mm / 74x40x78 Inch CONTACT AREA: STEEL BUMPER WIDTH: 600 mm / 24 Inch	 620 Route des Fromentaux 01500 Saint-Maurice-de-Rémens 01360 Bèlignieux France
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5		IL-TF260-20250103

COMPLIANCE MESH	
Machine directive	The narrow mesh size allows a close safety distance of 200mm towards the danger. (According machine directive 2006/42/EC)
Static point load of mesh	Static point load of 450 N gives a maximum deflection of 2/3 in.



REFERENCE LIST - TB 260 PLUS FENCE

POSTS

End post - YE	TF2600-0001-EPYE	
End Corner post - YE - 90° - Up	TF2600-0001-CPUYE	
End Corner post - YE - 90° - Down	TF2600-0001-CPDYE	
Mid post - YE	TF2600-0001-MPYE	

CURVES

Conn.tube Ø10 in - 90° Curve 14 in - YE	TF2600-0350-C259YE	
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RAIL SETS

	Tube length (A)	CC length (B)	REFERENCE
Standard rail	26 in	36 in	TF2600-0650-0900YE
Standard rail	32 in	42 in	TF2600-0800-1050YE
Standard rail	38 in	48 in	TF2600-0950-1200YE
Standard rail	44 in	54 in	TF2600-1100-1350YE

