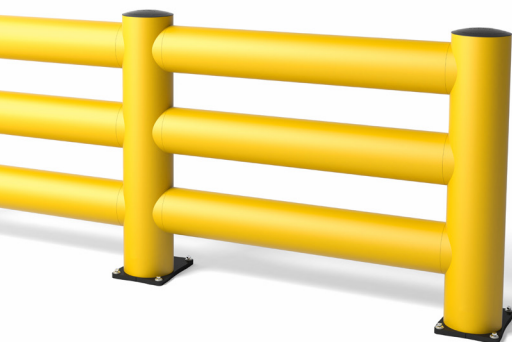


TB SUPER TRIPLE

SAFETY BARRIERS

Revision: 6 July 2026 9:37 AM
Boplan reference: TS400...



PRODUCT SPECIFICATIONS

APPLICATION			
Environment	The TB Super Triple is the heaviest traffic barrier in the TB series, offering extra-tough collision protection against heavy traffic with a high-impact risk.		
Impact performance at 90°	POST: 44500 Joule (Eq. to 10 ton - 6.6 mph)		
	RAIL: 48300 Joule (Eq. to 10 ton - 7 mph)		
MATERIAL			
Posts and rails	Extrilene - UV resistant - Fire class E [®] - Non conductive - Impervious to most chemicals ^{**}		
Caps	Sustainable elastomer		
STANDARD COLOURS			
End post	Yellow RAL 1003		
Mid post	Yellow RAL 1003		
Impact tube	Yellow RAL 1003		
BASEPLATES			
	Steel	Zinc Coated Steel	Stainless steel
Material	Steel 37	Steel 37	Stainless steel 304
Coating	Lacquered	Electroplated + Laquered	No lacquer / No coating
Colour	High gloss black	Mat black	Natural colour

[®]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	 3/4 in x 5 1/2 in	not available
ALTERNATIVES	Wedge anchor	 Ø18mm (M12) x 130mm	Ø18mm (M12) x 130mm
	Concrete screw	 Ø17mm x 130mm	Not available

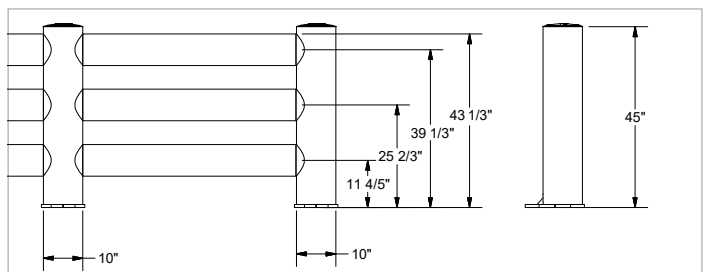
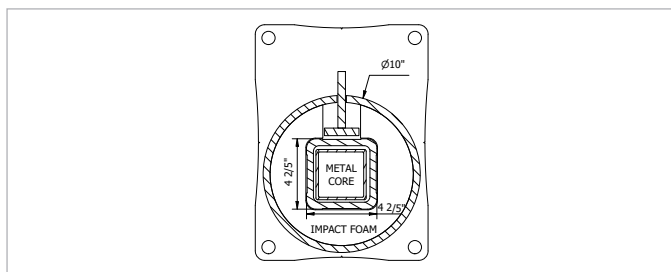
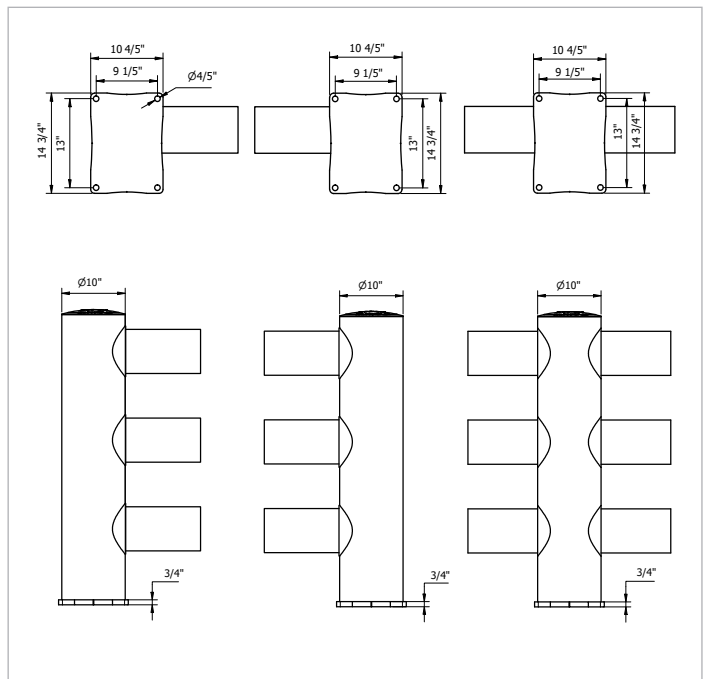


FEATURES AND FUNCTIONALITY - TB SUPER TRIPLE

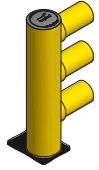
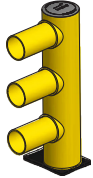
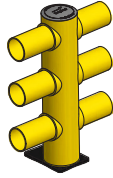
SIZE	
Height end posts	45 in
Height mid post	45 in
Profile section tubes	Ø8 in (2/5 in thick)
Profile section end posts	Outer tube: Ø10 in (2/5 in thick) Inner profile: 4 2/5 x 4 2/5 in (1/3 in)
Profile section mid posts	Outer tube: Ø10 in (2/5 in thick) Inner profile: 4 2/5 x 4 2/5 in (1/3 in)
Standard rail length	CC60 in (Tube length: 50 in)
Baseplate	End Post: 14 3/4 x 10 4/5 (3/4 in thick) Mid Post: 14 3/4 x 10 4/5 (3/4 in thick)

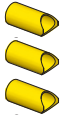
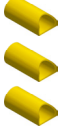
REQUIREMENTS	
Concrete quality	minimum 4000 PSI (C25/30)
Concrete floor plate thickness	minimum 6 in
Concrete slab dimension around posts (in)	35 2/5 (H) x 35 2/5 (W) x 23 2/3 (D)
Operational temperature	14 °F up to 104 °F
Water and humidity	Steel (standard): dry indoor use only. Zinc coated : outdoor use in most environments. Stainless Steel : outdoor use or frequent exposure to water and humidity.

boplan IMPACT LABEL FOR SAFETY BARRIERS		
BOPLAN TB 400 SUPER TRIPLE		
IMPACT RATING	45°	90°
E80	< 80 kJ	
E60	< 60 kJ	68,3 kJ
E50	< 50 kJ	
E40	< 40 kJ	48,3 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 / 68°F IMPACT HEIGHT: 650 mm / 25 2/3 inch IMPACT ANGLE: 90° TEST FLOOR: CONCRETE SLAB C25/30 - 160 mm / 6 inch MANUFACTURER ANCHOR PULL OUT: 17kN	TEST VEHICLE 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	ACCREDITED TEST LABORATORY 620 Route des Fromentaux 01500 Saint-Maurice-de-Rémens 01360 Bèlignieux France TRANSPICUS
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) <0.5		IL-TS400-20230705

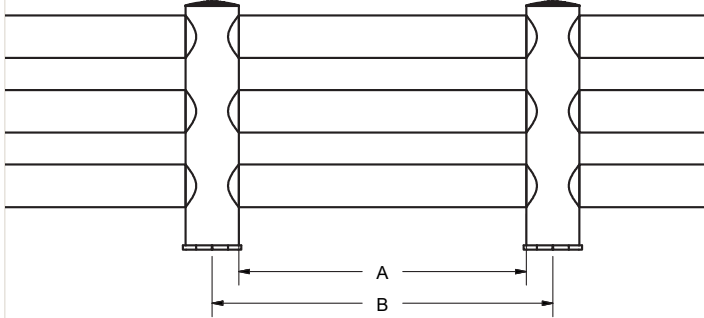


REFERENCE LIST - TB SUPER TRIPLE

POSTS		
End post Left End post Left - ZC End post Left - SS	TS4000-0001-EPLYE TS4000-0001-EPLYEZ TS4000-0001-EPLYES	
End post Right End post Right - ZC End post Right - SS	TS4000-0001-EPRYE TS4000-0001-EPRYEZ TS4000-0001-EPRYES	
Mid post Mid post - ZC Mid post - SS	TS4000-0001-MPYE TS4000-0001-MPYEZ TS4000-0001-MPYES	

CURVES		
Conn.tube Ø8 Curve 14 in - YE	TS4000-0350-C200YE	
Conn.tube Ø8 - 45° Curve 14 in - YE	TS4000-0350-C204YE	
Conn.tube Ø8 - 90° Curve 14 in - YE	TS4000-0350-C209YE	
Conn.tube Ø10 Curve 14 in - YE	TS4000-0350-C250YE	
Conn.tube Ø10 - 90° Curve 14 in - YE	TS4000-0350-C259YE	

RAIL SETS			
	Tube length (A)	CC length (B)	Reference
Standard rail	26 in	36 in	TS4000-0655-0915YE
Standard rail	38 in	48 in	TS4000-0970-1220YE
Standard rail	50 in	60 in	TS4000-1275-1525YE
Standard rail	62 in	72 in	TS4000-1578-1828YE
Short rail	26 - 38 in	36 - 48 in	TS4009-0048-SRYE
Long rail	38 - 50 in	48 - 60 in	TS4009-0060-LRYE
Long rail	50 - 62 in	60 - 72 in*	TS4009-0072-LRYE



* The impact performance has not been tested for tube lengths > 63 in.
Only use these lengths for non - critical applications.