



TB 400

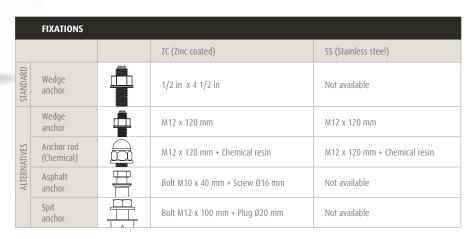
Boplan reference: TB400...

PRODUCT SPECIFICATIONS

APPLICATION				
Environment	The TB400 is used for the protecting of walls, machines and infrastructure from pallet trucks, forklifts or other vehicles.			
Impact performance	POST: 16100 Joule (Eq. to 5 ton - 5.6 mph)			
at 90°	RAIL: 20100 Joule (Eq. to 5 ton - 6.3 mph)			
MATERIAL				
Posts and rails	Extrilene® - UV resistant - Fire	Extrilene® - UV resistant - Fire class E* - Non conductive - Impervious to most chemicals**		
Caps	Sustainable elastomer			
STANDARD COLOUR	S			
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	















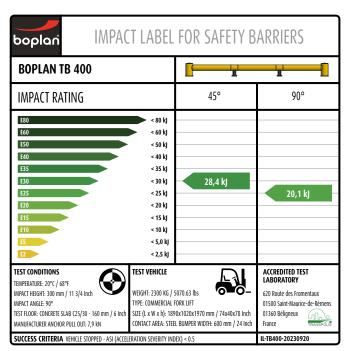


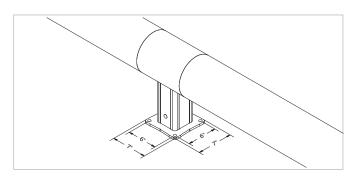


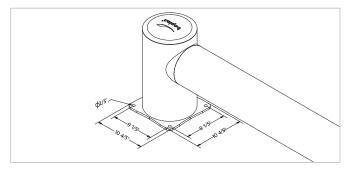
FEATURES AND FUNCTIONALITY - TB 400

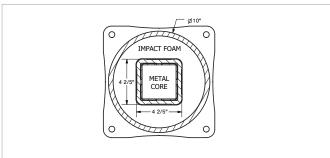
SIZE		
Height end posts	17 1/3 in	
Height mid post	15 3/4 in	
Profile section tubes	Ø8 in (2/5 in thick)	
Profile section end posts	Outer tube: Ø10 in (2/5 in thick) Inner profile: 4 2/5 x 4 2/5 in (1/3 in thick)	
Profile section mid posts	Profile: 4 2/5 x 4 2/5 in (1/3 in thick)	
Standard rail length	CC60 in (Tube length - 50 in)	
Baseplate	End Post: 10 4/5 x 10 4/5 in (1/3 in thick) Mid Post: 7 x 7 in (1/3 in thick)	

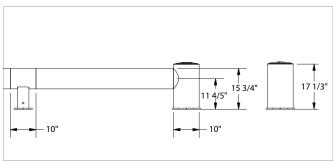
REQUIREMENTS		
Concrete quality	minimum 4000 PSI (C25/30)	
Concrete floor plate thickness	minimum 6 in	
Concrete slab dimension around posts (in)	23 2/3 (h) x 23 2/3 (w) x 19 3/4 (d)	
Operational temperature	14°F up to 104°F	
Water and humidity	Steel (standard): dry indoor use only. Zinc coated: outdoor use in most environments. Stainless Steel: outdoor use or frequent exposure to water and humidity.	











SPECSHEET >>> 49



REFERENCE LIST - TB 400

POSTS		
End post End post - ZC End post - SS	TB4000-0001-EPYE TB4000-0001-EPYEZ TB4000-0001-EPYES	
Mid post Mid post - ZC Mid post - SS	TB4000-0001-MPYE TB4000-0001-MPYEZ TB4000-0001-MPYES	

CURVES		
Conn.tube Ø8 in Curve 14 in - YE	TB4000-0014-C080YE	
Conn.tube Ø8 in - 45° Curve 14 in - YE	TB4000-0014-C084YE	
Conn.tube Ø8 in - 90° Curve 14 in - YE	TB4000-0014-C089YE	
Conn.tube Ø10 in Curve 14 in - YE	TB4000-0014-C100YE	
Conn.tube Ø10 in - 90° Curve 14 in - YE	TB4000-0014-C109YE	

RAIL SETS			
	Tube length (A)	CC length (B)	Reference
Standard rail	26 in	36 in	TB4000-0817-1067YE
Standard rail	38 in	48 in	TB4000-0970-1220YE
Standard rail	50 in	60 in	TB4000-1275-1525YE
Standard rail	62 in	72 in*	TB4000-1578-1828YE
Standard rail	68 in	78 in*	TB4000-1730-1980YE
Short rail	26 - 38 in	36 - 48 in	TB4009-0048-SRYE
Long rail	50 - 62 in	60 - 72 in*	TB4009-0072-LRYE
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REFERENCE LIST - TB 400

FIXED U	NITS				
TYPE	LENGTH	BASE	REFERENCE YE		
	30 in	Steel ZC SS	TB4000-0750-FUYE TB4000-0750-FUYEZ TB4000-0750-FUYES		
curves	No curves Steel	TB4001-1750-FUYEZ			
1 cunto	30 in	Steel ZC SS	TB4000-0750-FU1CYE TB4000-0750-FU1CYEZ TB4000-0750-FU1CYES		DEFINE AS LEFT OR RIGHT 1/ UP-DOWN-CONTINU 2/08 - 010
1 curve	30 - 68 in	Steel ZC SS	TB4001-1750-FU1CYE TB4001-1750-FU1CYEZ TB4001-1750-FU1CYES		
2	30 in	Steel TB4000-0750-FU2CYE ZC TB4000-0750-FU2CYEZ SS TB4000-0750-FU2CYES		DEFINE AS LEFT OR RIGHT 1/ UP-DOWN-CONTINU 2/08 - 010	
curves	30 - 68 in	Steel ZC SS	TB4001-1750-FU2CYE TB4001-1750-FU2CYEZ TB4001-1750-FU2CYES		DEFINE AS LEFT OR RIGHT 1/ UP-DOWN-CONTINU 2/08 - 010