RE RACK END

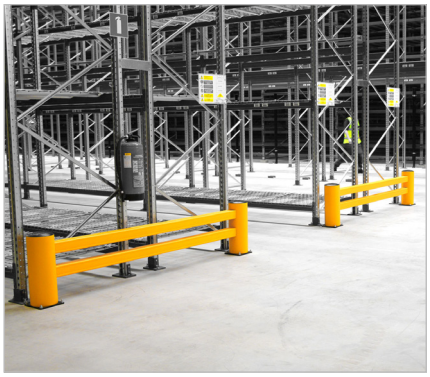
RACK PROTECTION

PRODUCT SPECIFICATIONS

APPLICATION			
Environment	The RE Rack End is the optimal protection for your rack ends, with the two bollards offering optimal protection to your corner uprights. Driving over the chamfered fixations does not damage them.		
Impact performance at 90°	END POST: 3000 Joule (Eq. to 2,5 ton - 5,5 km/h)		
	RAIL: 8500 Joule (Eq. to 2,5 ton - 9,3 km/h)		
MATERIAL			
RE Rack end	Extrilene® - UV resistant - Fire class E* - Non conductive - Impervious to most chemicals**		
STANDARD COLOURS			
Rails	Yellow RAL 1003		
Posts	Yellow RAL 1003		
BASEPLATES			
	Steel (CHF)	Zinc Coated Steel (CHF)	Stainless steel (CHF)
Material	Steel 37	Steel 37	Stainless steel 304
Coating	Lacquered	Electroplated + Laquered	No lacquer / No coating
Colour	High gloss black	Mat black	Natural colour

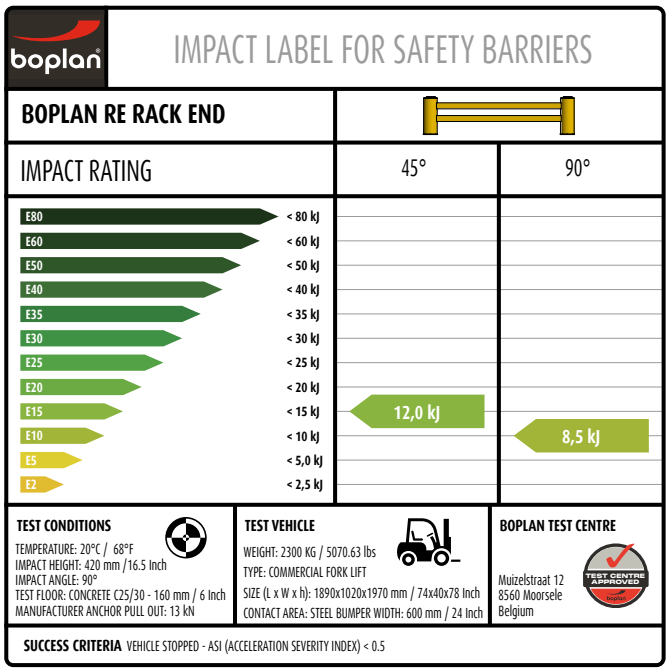
*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.
**Ask your local sales office for resistance to specific chemicals.

FIXATIONS				
			ZC (Zinc coated)	SS (Stainless steel)
STANDARD	Wedge anchor Countersunk		Ø12mm (M8) x 90mm	Ø12mm (M8) x 85mm

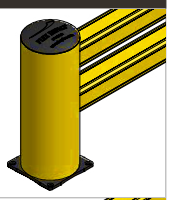
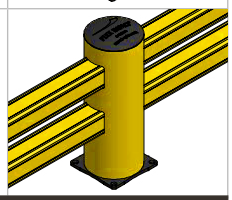


SIZE	
Height end/mid posts	530 mm
Height rail support post	510 mm
Profile section rails	88 mm x 88 mm (7.5mm thick)
Profile section end/mid posts	Outer tube: Ø200 mm (11 mm thick) Inner profile: 112 mm x 112 mm (10 mm thick)
Profile section support post	Profile: 112 mm x 112 mm (10 mm thick)
Standard rail length	2200 mm (variable: 750mm - 3200mm)
Baseplates	End Post: 210 mm x 210 mm (10 mm thick) Mid Post: 180 mm x 180 mm (10 mm thick)

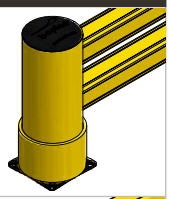
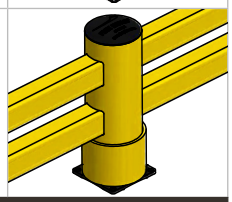
REQUIREMENTS	
Concrete quality	minimum C25/30
Concrete floor plate thickness (mm)	minimum 150 mm
Concrete slab dimension around posts (mm)	500 (h) x 500 (w) x 400 (d)
Rack ends longer than 2500 mm	Add a rail support post
Operational temperature	-10°C up to +40°C
Water and humidity	**Steel** (standard): dry indoor use only. **Zinc coated:** outdoor use in most environments. **Stainless Steel:** outdoor use or frequent exposure to water and humidity.



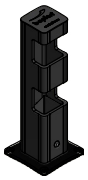
RACK END POST BO 200

End post End post - ZC End post - SS	RE2009-0001-EPYE RE2009-0001-EPYEZ RE2009-0001-EPYES	
Mid post Mid post - ZC Mid post - SS	RE2009-0001-MPYE RE2009-0001-MPYEZ RE2009-0001-MPYES	

RACK END ROTOR POST BO 200

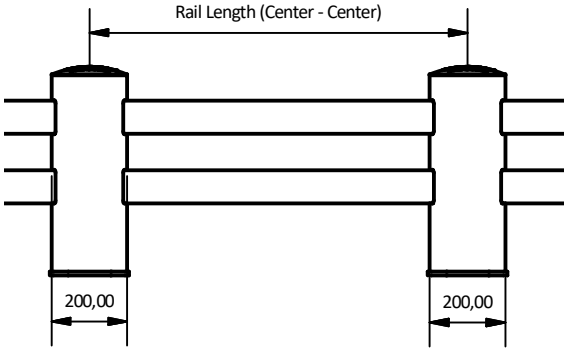
End post End post - ZC End post - SS	RE2009-0001-EPRYE RE2009-0001-EPRYEZ RE2009-0001-EPRYES	
Mid post Mid post - ZC Mid post - SS	RE2009-0001-MPRYE RE2009-0001-MPRYEZ RE2009-0001-MPRYES	

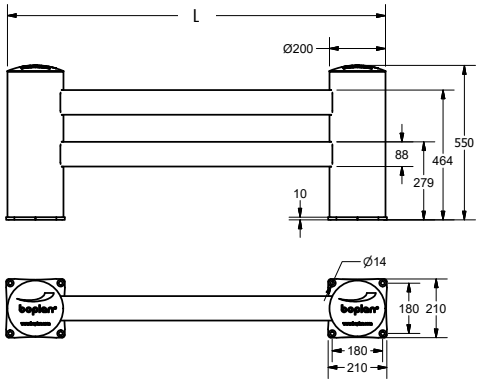
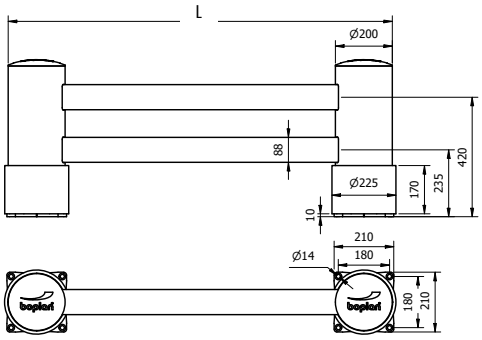
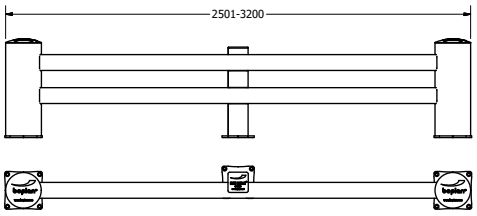
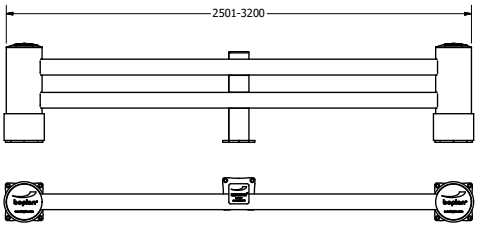
RACK END RAIL SUPPORT POST

Rail support post Rail support post - ZC Rail support post - SS	RE2009-0001-SPBL RE2009-0001-SPBLZ RE2009-0001-SPBLS	

RAIL SETS

	Rail length	Reference
Rail set (2pcs) - YE	750mm - 1350mm	RE2009-1350-S200YE
Rail set (2pcs) - YE	1351mm - 1800mm	RE2009-1800-S200YE
Rail set (2pcs) - YE	1801mm - 2500mm	RE2009-2500-S200YE



TOTAL LENGTH (L)	BASEPLATE	RACK END BOLLARD (YELLOW)	RACK END BOLLARD WITH ROTOR (YELLOW)
1100mm	steel ZC SS	RE2000-1100-0001YE RE2000-1100-0001YEZ RE2000-1100-0001YES	RE2000-1100-R001YE RE2000-1100-R001YEZ RE2000-1100-R001YES
2200mm	steel ZC SS	RE2000-2200-0001YE RE2000-2200-0001YEZ RE2000-2200-0001YES	RE2000-2200-R001YE RE2000-2200-R001YEZ RE2000-2200-R001YES
2400mm	steel ZC SS	RE2000-2400-0001YE RE2000-2400-0001YEZ RE2000-2400-0001YES	RE2000-2400-R001YE RE2000-2400-R001YEZ RE2000-2400-R001YES
750mm - 1350mm	steel ZC SS	RE2001-1350-0001YE RE2001-1350-0001YEZ RE2001-1350-0001YES	RE2001-1350-R001YE RE2001-1350-R001YEZ RE2001-1350-R001YES
1351mm - 1800mm	steel ZC SS	RE2001-1800-0001YE RE2001-1800-0001YEZ RE2001-1800-0001YES	RE2001-1800-R001YE RE2001-1800-R001YEZ RE2001-1800-R001YES
1801mm - 2500mm	steel ZC SS	RE2001-2500-0001YE RE2001-2500-0001YEZ RE2001-2500-0001YES	RE2001-2500-R001YE RE2001-2500-R001YEZ RE2001-2500-R001YES
			

LENGTH	BASEPLATE	RACK END BOLLARD (YELLOW)	RACK END BOLLARD WITH ROTOR (YELLOW)
2501mm - 3200mm INCLUDING RAIL SUPPORT	steel ZC SS	RE2001-3200-0001YE RE2001-3200-0001YEZ RE2001-3200-0001YES	RE2001-3200-R001YE RE2001-3200-R001YEZ RE2001-3200-R001YES