

FE FENCE HANDRAILS

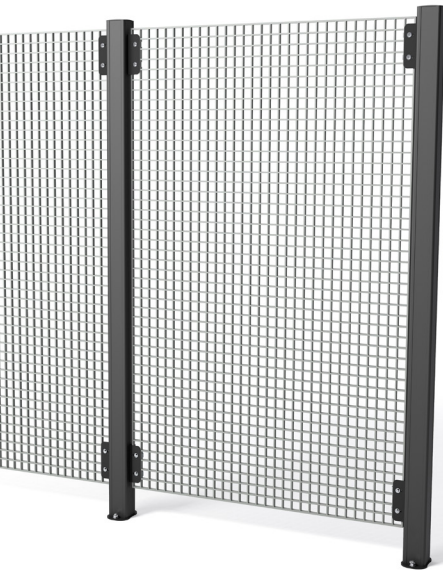
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PRODUCT SPECIFICATIONS

APPLICATION	
Environment	The FE Fence provides a cost-efficient guarding and protection for pedestrians. The glass fibre reinforced resin gives the fence flexibility to return to its original shape after an impact. As a result it requires less maintenance than metal fencing.
Compliance	The narrow mesh size allows a close safety distance of 8 inches towards the danger. (According machine directive 2006/42/EC)
Advisory speed	This product is not intended for impact with fork lift trucks or other motorized vehicles.
MATERIAL	
Posts	Extrilene® - UV resistant - Fire class E ⁺ - Non conductive - Impervious to most chemicals ^{**}
Mesh	Glass fiber reinforced composite
STANDARD COLOURS	
End post	Standard: Black RAL 9005
Mid post	Standard: Black RAL 9005
Mesh	Black
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
	Concrete screw		Ø12mm x 100mm	Not available
	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



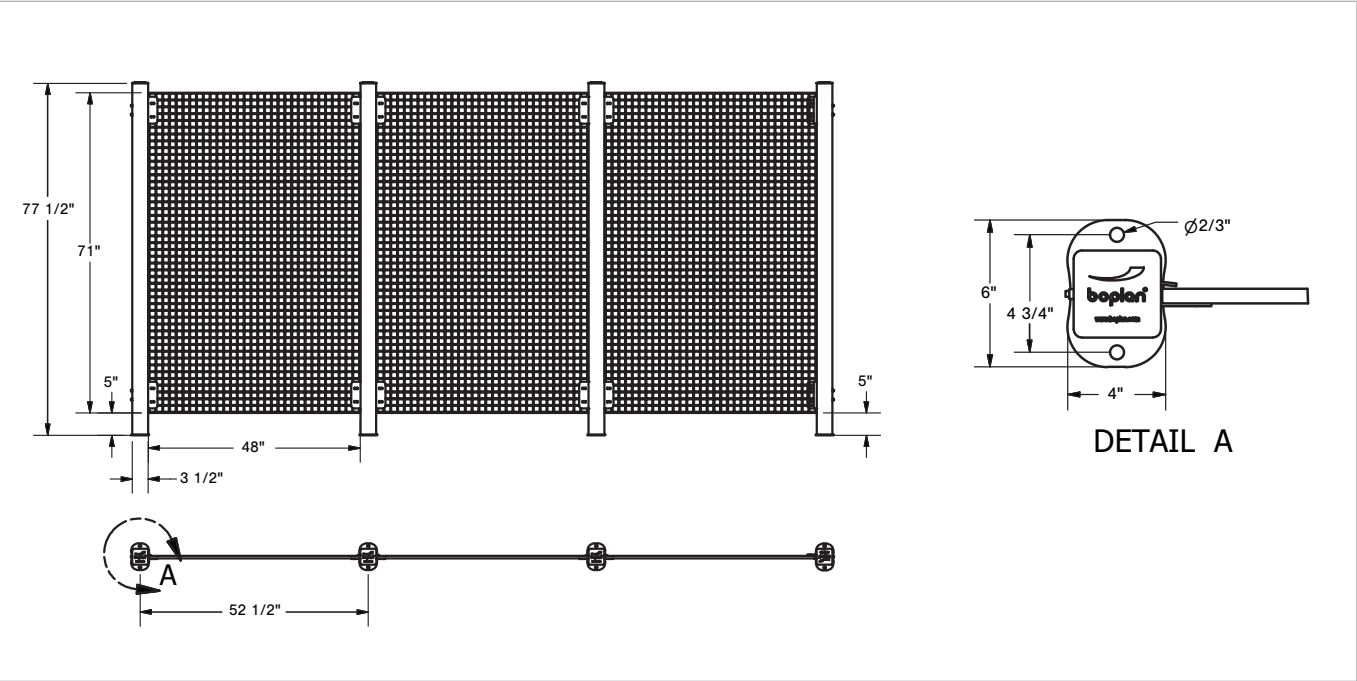
FEATURES AND FUNCTIONALITY - FE FENCE

SIZE	
Height end posts	77 1/2 in
Height mid post	77 1/2 in
Profile section posts	Profile: 4 2/5 x 4 2/5 in (1/3 in thick)
Standard mesh panel	Thickness: 1/2 in Width: 48 in Height: 71 in Mesh inner dimension: 1 1/3 x 1 1/3 in
Baseplate	6 x 4 x (1/4 in thick)

IMPACT PERFORMANCE	
Impact resistance of mesh panel.	Static point load of 101 lb-f gives a maximum deflection of 2/3 in.

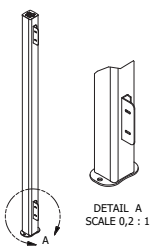
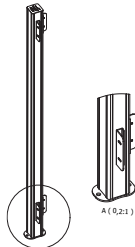
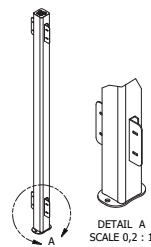
REQUIREMENTS	
Concrete quality	minimum 4000 PSI (C25/30)
Concrete floor plate thickness	minimum 6 in
Concrete slab dimension around posts (in)	23 2/3 (h) x 23 2/3 (w) x 11 4/5 (d)
Operational temperature	14°F up to 104°F
Water and humidity	Steel (standard): dry indoor use only.

COMPLIANCE MESH	
Machine directive	The narrow mesh size allows a close safety distance of 7 7/8 in towards the danger. (According machine directive 2006/42/EC)

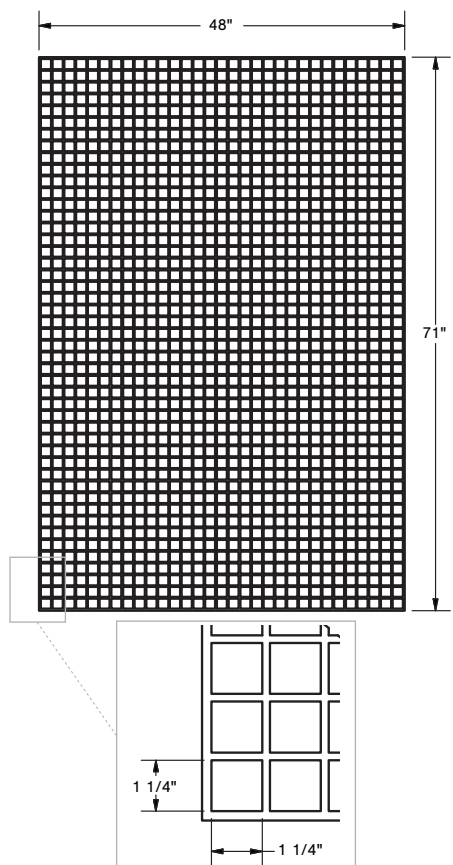


REFERENCE LIST - FE FENCE

POSTS

End post - BL	End Corner post - BL - 90°	Mid post - BL
FE0900-0001-EPBL	FE0900-0001-CPBL	FE0900-0001-MPBL
		

RAIL SETS

	Fence length	CC length	Fence height	REFERENCE	
Standard Fence Panel	48 in	52 1/2 in	71 in	FE0903-1220-1800BL	
Variable length Fence Panel	24 - 48 in	32 - 52 1/2 in	71 in	FE0903-1220-181CBL	