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Fabric Specification for EFP 4/1000		

EFP™ 4/1000

Description

EFP™ 4/1000 (Extended Fire Protection) is a stainless steel wire reinforced glass fabric coated with a specially formulated micronised aluminium filled polymer which provides a heat reflecting surface as well as other properties for the manufacture of smoke and fire curtain barrier assemblies. This material is fire retardant, halogen free, offers dimensional stability and an improved resistance to hydrolysis and abrasion over other polyurethane coatings.

Technical data

Base fabric			Tolerance	Test Methods
Yarn	Warp	EC9-68x2 S/S wire		BS EN 12654-1
	Weft	EC9-68x2 S/S wire		
Thread Count	Warp	16 per 1 cm	± 1	BS EN 1049-2
	Weft	15 per 1 cm	± 1	
Tensile Strength	Warp	≥930 N/cm		BS EN ISO 13934
	Weft	≥640 N/cm		
Weight		640 g/m²	-5% to +10%	BS EN 12127
Weave		8-shaft satin		ISO 3572
Coated Fabric	Fire-retardant grey polyurethane on both sides			
Coating Weight		50 g/m²	-5% / +10%	BS EN ISO 2286-2
Fire Integrity	>1000 °C Fire Integrity			
Reaction to Fire	A2-s2,d0	BS EN 13501-1+A1 Fire classification of construction products and building elements-Part1: Classification using data from reaction to fire test		
	Class 0	Classification to Paragraph A13(b) of Approved Document B (Vol. 1&2), (2006 Edition) ‘Fire Safety’ to the Building Regulations 2010 (BS 476-6+A1, BS 476-7)		
Fire/ Smoke Resistance		BS EN 1634-1, BS EN 1363-1, BS EN 1363-2, BS EN 1634-3, BS 476-22, BS 476-20, BS 476-31.1		
Smoke and Toxicity	R Value 0.17	BS 6853 Annex D.8.4, BS 6853 Annex B.2		

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