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<h1>FABRIC SPECIFICATION</h1>				

## Firestoppa A1

### Description

Firestoppa A1 is a stainless steel wire reinforced glass fabric impregnated with a specially formulated low opacity and fire retardant polymer to allow some visible light to pass through. This material is fire retardant, halogen free and offers a degree of dimensional stability. FireStoppa A1 is classified as non-combustible to EN 13501-1 reaction to fire.

### Technical data

Base fabric			Tolerance	Test Methods
Yarn	Warp Weft	EC9-68x2 S/S wire EC9-68x2 S/S wire		BS EN 12654-1
Thread Count	Warp Weft	16 per 1 cm 15 per 1 cm	± 1 ± 1	BS EN 1049-2
Tensile Strength	Warp Weft	930 N/cm 640 N/cm		BS EN ISO 13934
Weight		640 g/m <sup>2</sup>	-5% / +10%	BS EN 12127
Weave	Panama			ISO 3572
<b>Coated Fabric</b>	Fire retardant polyurethane impregnation			
Coating Weight		25 g/m <sup>2</sup>	-5% / +10%	BS EN ISO 2286-2
Fire Integrity		>1000 °C Fire Integrity		
Reaction to Fire	A1	BS EN13501-1:2007+A1: 2009 Fire classification of construction products and building elements-Part1: Classification using data from reaction to fire test		
Smoke and Toxicity	R Value 0.17	BS 6853: 1999 D.8.4 , BS 6853:1999 Annex B.2		

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