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<h1>FABRIC SPECIFICATION</h1>				

## Smokestoppa A2

### Description

Smokestoppa A2 is a medium weight glass fibre fabric. The coating is a specially formulated micronized aluminium filled polymer which provides a highly heat reflecting surface as well as low air permeability at elevated temperatures and was designed for the manufacturing of smoke curtain barrier assemblies. Smokestoppa A2 is fire retardant, halogen free, offers dimensional stability, an improved resistance to hydrolysis and abrasion over other polyurethane coatings.

### Technical data

Base fabric		Tolerance		Test Methods
Yarn	Warp Weft	EC9-136 EC9-136		BS EN 12654-1
Thread Count	Warp Weft	18 per 1 cm 11 per 1 cm	± 1 ± 1	BS EN 1049-2
Tensile Strength	Warp Weft	1080 N/cm 640 N/cm		BS EN ISO 13934
Weight		415 g/m <sup>2</sup>	-5%/+10%	BS EN 12127
Weave	2 x 2 Broken Twill			ISO 3572
<b>Coated Fabric</b>	Fire retardant high performance silver polyurethane on both sides			
Coating Weight		40 g/m <sup>2</sup>	-5%/+10%	BS EN ISO 2286-2
Temperature Resistance	Continuous -36 to 180 °C. Tolerates up to 200-220 °C for short periods. Glass fabric maintains integrity ≥600 °C			
Reaction to Fire	A2-s1,d0	BS EN 13501-1:2007+A1: 2009 Fire classification of construction products and building elements-Part1: Classification using data from reaction to fire test		
Fire resistance	BS EN 12101-1+A1 , BS EN 1363-1:, BS EN 1634-3:2004			

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