



## EFP™ 2/A2

# SMOKESTOP A2 FABRIC

Coopers Fire EFP™ 2/A2 (Extended Fire Protection) 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.

EFP™ 2/A2 is fire retardant, halogen free, offers dimensional stability, an improved resistance to hydrolysis and abrasion over other polyurethane coatings.

### FABRIC FEATURES

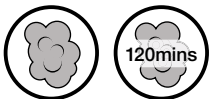
Second generation smoke protective fabric designed with a distinctive Crowfoot weave providing rigidity.

E-glass base fabric with A2 non-combustible rating.

Halogen free, silver reflective polymer coating to offer maximum performance for smoke and gas penetration.

The SmokeStop A2 Fabric (EFP™ 2/A2) is used on the following Coopers Fire products:

- **SmokeStop D<sub>600</sub>A (CE Marked) smoke curtain**
- **SmokeStop DH60 smoke curtain**



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## TECHNICAL DATA

Base fabric			Tolerance	Test Methods
Yarn	Warp Weft	EC9-136 EC9-136		BS EN 12654-1
Thread Count	Warp Weft	18 per 1cm 11 per 1cm	± 1 ± 1	BS EN 1049-2
Tensile Strength	Warp Weft	1080 N/cm 640 N/cm		BS EN ISO 13934
Weight Weave		415 g/m <sup>2</sup> 2 x 2 Broken Twill	-5% +10%	BS EN 12127 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 200 to 220°C for short periods. Glass fabric maintains integrity ≥600°C (for a minimum of 120 minutes) 60 minutes integrity in accordance with BS EN 1363-1 at 945°C			
Reaction to Fire	A2-s1, d0 Class 0	BS EN 13501-1:2007+A1: 2009 Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire test Classification to Paragraph A13(b) of Approved Document B (Vol. 1&2), (2006 Edition) 'Fire Safety' To The Building Regulations 2000 (BS 476: Part 6: 1989+A1:2009, BS 476 Part 7:1997		
Air Permeability (Smoke Leakage Value)		0.03m <sup>3</sup> /h/m <sup>2</sup>		
Fire Resistance		BS EN 12101-1+A1, BS EN 1363-1, BS EN 1634-3:2004		



## CONTACT INFORMATION

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