



## EFP™ 2/1000 DGI

# FIREMASTER® PLUS<sup>2</sup> FABRIC

Coopers Fire EFP™ 2/1000 DGI is a stainless steel wire reinforced glass fabric coated with a specially formulated intumescent filled and fire retardant silicone elastomer. Designed for applications as fire curtain barrier assemblies, where a single sheet, high strength, flexibility and resistance to abrasion is required.

When exposed to temperatures above 160°C the coating system will form a rapid expanding carbonaceous char, which combined with an endothermic reaction will also retard pyrolysis of organic matter, suppress smoke release, dilute combustion gases with liberated water vapours and consequently provide a thermally insulating barrier.

### FABRIC FEATURES

Second generation fire protective fabric with an intumescent coating to offer additional protection from radiated heat.

Stainless steel wire reinforced glass fabric to enhance the overall strength.

Flame retardant elastomer coating with very low toxic emissions in the event of a fire.

The FireMaster® Plus<sup>2</sup> Fabric (EFP™ 2/1000 DGI) is used on the following Coopers Fire products:

- FireMaster® Plus<sup>2</sup> fire curtain
- Vii®Fire iZone<sup>2</sup> fire curtain



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## 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 1cm 15 per 1cm	± 1 ± 1	BS EN 1049-2
Tensile Strength	Warp Weft	930 N/cm 640 N/cm		BS EN 13934
Weight		640 g/m <sup>2</sup>	± 10%	BS EN 12127
Weave		8 shaft satin		ISO 3572
<b>Coated Fabric</b>	Flame retardant dark-grey intumescent silicone coating on both sides			
Coating Weight Fire Integrity		1260 g/m <sup>2</sup> >1000°C	± 10%	BS EN ISO 2286-2
Approvals	Class '0'	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)		



## CONTACT INFORMATION

For more information, please call:

**+44 (0)2392 454 405**

or E-mail: [info@coopersfire.com](mailto:info@coopersfire.com)

Coopers Fire Ltd,  
Ignis House, Houghton Avenue,  
Waterlooville, Hampshire, PO7 3DU  
United Kingdom

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Series 1 v03 Jul 2020