



INTERNATIONAL FIRE CONSULTANTS LIMITED

CERTIFICATE FSA/13629/05

This is to certify that

Fire Fabrics Direct™ FireStoppa™ 1P

fabric has been tested both alone and as part of larger assemblies (as appropriate to the test method) in accordance with various published fire test standards. The various tests and their results have been summarized in FSA/13629/05. Key findings are as follows:

Fire Resistance – The Fire Fabrics Direct™ FireStoppa™ 1P fabric has demonstrated that, subject to the way in which it is supported/suspended it can achieve 73 minutes integrity performance when tested in accordance with Annex D of BS EN 12101-1:2005+A1:2006. The fabric contributed positively to the test specimen achieving a classification of DH60.

Reaction to Fire – The Fire Fabrics Direct™ FireStoppa™ 1P fabric has been tested in accordance with BS EN 13823:2010 and achieved the following;

FIGRA (W/s)*		THR 600s (MJ)	SMOGRA (m ² /s ²)**		TSP 600s (m ²)	
(0.2 MJ)	(0.4 MJ)		Original	Recalculated	Original	Recalculated
0.00	0.00	0.33	51.39	24.38	42.43	17.22

* FIGRA – Fire growth rate

** SMOGRA – Smoke growth rate

Reaction to Fire – The Fire Fabrics Direct™ FireStoppa™ 1P fabric has been tested in accordance with Clause 8 of BS EN 13501-1:2007+A1:2009 and achieved a classification of A2-s1, d0.

Reaction to Fire – A series of tests were carried out on FireStoppa™ 1P fabric to determine the heat of combustion of the fabric, both as an assembly and as separate entities, according to BS EN ISO 1716:2010 and achieved: 0.28812 MJ/kg for the 100% woven glass fabric, 19.9997 MJ/kg for the Polyurethane based coating and 2.0210 MJ/kg for the overall FireStoppa™ 1P.

This report is intended to communicate the level of performance that has been previously demonstrated using the Fire Fabrics Direct™ FireStoppa™ 1P fabric. It is the responsibility of the user of the FireStoppa™ 1P fabric to generate the necessary documentation to support the use of the FireStoppa™ 1P fabric for its chosen application.

For a full summary of the fire resistance and reaction to fire performance of Fire Fabrics Direct™ FireStoppa™ 1P, refer to FSA/13629/05.

Signed for and on behalf of
International Fire Consultants Ltd.

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Date of issue of Certificate: **October-13**
Certificate Expiry: **October-18**

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