

Our Ref: SW/AR/RM

14 April 2015

Report 252078

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Frank Pine Limited
Crown Mill
Crown Street
Salford
M3 7DH

Contact: Eli Pine

DATE RECEIVED	:	30 MARCH 2015
QUALITY REFERENCE	:	FP18M
COLOUR/DESIGN	:	BLACK

REQUEST: Tensile strength, tear strength, coating adhesion

COMMENTS: See test report



S. WISEMAN
LABORATORY DIRECTOR



A. ROSS
CONSULTANT TECHNOLOGIST

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FIRE TESTS ACCORDING TO BS 5867 - 2:2008

Fabrics for curtains, drapes and window blinds – Part 2: Flammability requirements - Specification

Procedure

Specimens of FP18M/G were subjected to the test method as described in BS EN ISO 15025:2002, procedure "A" Surface ignition. The samples were tested in the 'as received' state only, after being conditioned for 24 hours in an atmosphere having a temperature of $20 \pm 2^\circ\text{C}$ and a relative humidity of $65 \pm 5\%$.

Pre-treatment: None

Type B performance requirements

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of any flaming debris droplets in the testing of one specimen, a further six specimens shall be tested. If all six new specimens comply with the above requirements, the fabric shall be deemed to conform to the requirements for type "B" of the above standard.

Results

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

Original condition	Warp/Length			Weft/Width		
	1 ↑	2 ↓	3 ↑	1 →	2 ←	3 →
Flames reached edge?	No	No	No	No	No	No
Hole reached edge?	No	No	No	No	No	No
Flaming debris?	No	No	No	No	No	No
Duration of afterflame, s	2.4	2.7	3.9	1.9	8.6	2.7

Comments

The sample submitted complies with the flammability requirements for Type B performance.

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TENSILE STRENGTH OF COATED FABRIC, BS 3424:Part 4:1982 Method 6

Warp/length: 2626 N
Weft/Width: 2453 N

TEAR STRENGTH OF COATED FABRIC, BS 3424:Part 5: 1982 Method 7B

Maximum value tongue tear

	<u>Mean peak</u>	<u>Maximum peak</u>
Warp/length:	817 N	879 N
Weft/Width:	520 N	597 N

COATING ADHESION, BS 3424:Part 7:1982 Method 9B

Dynamic method.

Test specimens 50mm wide.

Warp/length: 97.5 N/50 mm
Weft/Width: 107.2 N/50 mm

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Crown Mill
Crown Street
Salford
M3 7DH

Contact: Eli Pine

DATE RECEIVED	:	09 FEBRUARY 2017
SAMPLE SUPPLIER	:	FPL
FABRIC REFERENCE	:	FP18M/G
COLOUR/DESIGN	:	RED
REPUTED FIBRE CONTENT	:	PVC/ POLYESTER FR
END USE	:	FR WELDABLE PVC

REQUEST: BS 5867 - 2:2008 Fabrics for curtains, drapes and window blinds – Part 2:
Flammability requirements - Specification

RESULT: The sample submitted complies with the flammability requirements of BS5867-
2:2008 for Type B performance.



S. WISEMAN
LABORATORY DIRECTOR



P. NEESAM
HEAD OF FLAMMABILITY

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