

Report 370621/5

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Contact: Matteo Bortolossi

DATE RECEIVED	:	20 JANUARY 2021
DATE TESTED	:	28 JANUARY 2021
QUALITY REFERENCE	:	VELVETY
SUPPLIER	:	ABITEX SRL
COLOUR / DESIGN	:	GRAY
REPUTED FIBRE CONTENT	:	100% POLYESTER
FABRIC DESCRIPTION	:	WOVEN
END-USE	:	UPHOLSTERY/CURTAINS
ORDER NUMBER	:	9/11

REQUEST: FIRE TESTS ACCORDING TO 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 C performance.



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LABORATORY DIRECTOR



L. SMITH
FLAMMABILITY TECHNICIAN

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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

As requested by the client, the specimens of ‘Velvety’ were tested in the as received condition and after 50 cycles of the appropriate cleansing procedure specified in BS EN ISO 10528:1995, to the test methods described in BS EN ISO 15025:2002, procedure “A”

Flame application times of 5, 15, 20, 30 seconds were used.

BS 5867 states that: -

Type C 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 specimen and there shall be no separation of any flaming debris from any specimen, or if the mean afterflame or afterglow times exceed 2.5 s, the fabric shall be deemed not to comply with the requirements for type “C” of this British 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 ↓	1 ←	2 →
5 seconds				
Afterflame	1.9	0.0	0.0	0.3
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.6			
Mean Afterglow	0.0			

Original condition	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
15 seconds				
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Original condition 20 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Original condition 30 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	2.4	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.6			
Mean Afterglow	0.0			

After Cleansing 5 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After Cleansing 15 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

After Cleansing 20 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	5.1	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	1.3			
Mean Afterglow	0.0			

After Cleansing 30 seconds	Warp/Length		Weft/Width	
	1 ↑	2 ↓	1 ←	2 →
Afterflame	0.0	0.0	0.0	0.0
Afterglow	0.0	0.0	0.0	0.0
Flame to Edge?	No	No	No	No
Hole to Edge?	No	No	No	No
Flaming Debris?	No	No	No	No
Mean Afterflame	0.0			
Mean Afterglow	0.0			

Comments

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

