

Test Certificate 83496 - 1

Report Details

Report Number	83496 - 1	Date Tested	20-Aug-20	Date Issued	20-Aug-20
Service Requested	BS 5867-2: 2008 - Type C				

Customer Details

Company Name	BANCROFT SOFT FURNISHINGS				
Customer Contact	Rebecca Peterson	Company Address	6 RUSSELL COURT, WOOL GATE		
Customer Ref/PO			COTTINGLEY BUSINESS PARK		
			WEST YORKSHIRE		
			BD16 1PE		

Customer Details - As Supplied by the Customer

Sample Description	FR PLAIN VOILE
Fibre Composition	100% POLYESTER

Quality/Batch Ref

Colour	WHITE
Sample End Use	DRAPERY
Model Ref	9001A

Manufacturer

Supplier / Buyer

Performance Requirement:

BS 5867-2: 2008 Type C – Flammability requirements specification – Fabrics for curtains, drapes and window blinds.

Test Method:

BS EN ISO 15025: 2002 Procedure A (Surface Ignition) – Protective clothing – Protection against heat and flame. Methods of test for limited flame spread.

Pre-Treatment:

Prior to testing, one set of specimens had been subjected to 50 standard wash cycles in accordance with BS EN ISO 15028 (Standard) and then line dried in ambient atmospheric conditions.

Conditioning:

The sample was conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 2^\circ\text{C}$ and $65 \pm 5\% \text{ r h}$.

Pass / Fail Criteria:

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 from any specimen, or if the mean after flame or afterglow times exceed 2.5 seconds the fabrics shall be deemed not to comply with the requirements for type "C" of BS 5867-2

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Test Results

Test 1 - Before Wash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Surface Tested:	Face		Back		Face		Back		Face		Back		Face		Back	
Specimen Direction:	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→
Application Time:	5 Seconds		5 Seconds		15 Seconds		15 Seconds		20 Seconds		20 Seconds		30 Seconds		30 Seconds	
Flaming Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afterglow Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hole Formed:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hole Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flame Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flaming Debris:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Damage Length [mm]:	75	86	74	73	75	79	64	22	21	27	18	26	33	105	24	28
Damage Width [mm]:	28	51	23	23	24	44	36	21	18	23	59	67	72	99	69	81
Average After Flame < 2.5S	0.0															
Average After Glow < 2.5S	0.0															

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Test 2 - After Wash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Surface Tested:	Face		Back		Face		Back		Face		Back		Face		Back	
Specimen Direction:	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→
Application Time:	5 Seconds		5 Seconds		15 Seconds		15 Seconds		20 Seconds		20 Seconds		30 Seconds		30 Seconds	
Flaming Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afterglow Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hole Formed:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hole Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flame Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flaming Debris:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Damage Length [mm]:	26	32	33	26	30	26	24	24	32	32	24	36	88	26	24	22
Damage Width [mm]:	78	73	71	83	128	78	78	62	64	71	68	78	126	76	79	63
Average After Flame < 2.5S	0.0															
Average After Glow < 2.5S	0.0															

Overall Result: PASS

The sample supplied meets the type C performance requirement of BS 5867-2: 2008 when tested in accordance with BS EN ISO 15025: 2002 Procedure A (Surface Ignition) before and after cleansing.

Authorised Signature:



Zeb Alam

Operations Director

END OF REPORT

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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