IFS Laboratories Limited

Test Certificate 92202 - 1

Report Details

Report Number	92202 - 1	**Date Tested**	27-Aug-21	**Date Issued**	27-Aug-21
Service Requested	BS 5867-2: 2008 - Type C				

Customer Details

Company Name	SMD CONTRACTS		
Customer Contact		**Company Address**	UNIT F2; PITTMAN WAY
Customer Ref/PO			FULWOOD
			LANCASHIRE
			PR2 9ZD

Customer Details - As Supplied by the Customer

Sample Description	Q4160 SOUL
Fibre Composition	INHERENTLY FLAME RETARDANT POLYESTER
Quality/Batch Ref	110269
Colour	
Sample End Use	CONTRACT DRAPERY
Model Ref	
Manufacturer	
Supplier / Buyer	SMD HOLDINGS LTD.

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 ± 2°C and 65 ± 5% 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 Uk=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.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN

UKAS TESTING No. 2513

IFS Laboratories Limited

Test Certificate 92202 - 1

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]:	45	48	40	40	60	56	63	55	65	60	60	60	75	70	70	60
Damge Width [mm]:	18	18	17	17	18	20	20	19	18	17	22	20	18	18	19	20
Average After Flame < 2.5S		0.0														
Average After Glow < 2.5S		0.0														

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 Uk=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.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN

UKAS TESTING No. 2513

IFS Laboratories Limited

Test Certificate 92202 - 1

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]:	47	40	47	45	60	65	60	56	70	68	70	60	75	70	70	65
Damge Width [mm]:	17	17	18	17	20	20	22	20	22	23	22	20	19	18	20	18
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 Uk=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.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN

UKAS TESTING No. 2513