Test Certificate 98017

Report Details

Report Number 98017 - 2 **Service Requested** BS 5852: 2006 Clause 11 - S5 [Crib 5 Test] + Watersoak

Date Received 20-Apr-22 **Date Tested** 25-Apr-22 **Date Issued** 03-May-22

Customer Details

Company Name FLAMENTEK

Customer Contact JANE GIRLING

Customer Ref/PO 21930

Company Address COMPASS HOUSE
BUNWELL ROAD BESTHORPE
NORFOLK
NR17 2NZ

Customer Details - As Supplied by the Customer

Sample Description SISU - WOOLLEN WOVEN FABRIC. TREATED WITH A DURAFLAM® FLAME RETARDANT FORMULATION BY FABRIC FLARE SOLUTIONS LTD.

Fibre Composition 91% NORWEGIAN WOOL, 8% NEW ZEALAND WOOL, 1% NYLON

Quality/Batch Ref SISU

Colour VARIOUS

Sample End Use UPHOLSTERY

Model Ref

Manufacturer

Supplier / Buyer KVADRAT A/S

Test Methods:

BS 5852:2006 Clause 11 (Source 5) – Methods of test for the assessment of the ignitibility of upholstered seating by smouldering and flaming ignition sources.

Pre-Treatment:

The sample supplied has been subjected to a watersoak procedure in accordance with BS 5852:2006 - Annex E then line dried in ambient conditions.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at 23 ± 2C and 50 ± 5% r h.

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Test Results

The Following test results relate only to the ignitibility of the combination of the 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.

Test Criteria	Initial Test	Repeat Test
***Smoundering Ceased Within: [mins]**	0.45	0.45
Progressive Smouldering Criteria		
Filling Material Used:	GB 33-35	GB 33-35
4.1.1A: Displays unsafe escalating smouldering combustion, requires to be forcibly extinguished?	☐	☐
4.1.1C: Any test specimen that smoulders until it is essentially consumed	☐	☐
***4.1.1E: Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?**	☐	☐
4.1.1F: On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	☐	☐
Flaming Criteria		
***Flaming Ceased: [mm:ss]**	3.27	3.31
4.2.1A: Displays unsafe escalating flaming combustion, requires to be forcibly extinguished?	☐	☐
4.2.1B: Any test specimen that burns until it is essentially consumed within the test duration	☐	☐
4.2.1C: Flame front reaches the lower margin, either side or passes through the full thickness?	☐	☐
***4.2.1E: Flaming continued for more than 10 minutes after the ignition of the crib?**	☐	☐
***4.2.1G: Any test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer then 10 mins?**	☐	☐
Test Result	**PASS**	**PASS**

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Overall Result: PASS

The sample supplied meets the test criteria of BS 5852 : 2006 Clause 11 (After Annex E Watersoak Procedure)

Authorised Signature:

Zeb Alam

Operations Director

The uncertainty of measurement is taken into account when stating conformance to the specification. The test results are compared with the acceptance limits which are determined by reducing the specification limit by the expanded test uncertainty Uk=2 (approximately 95% confidence interval) and providing all measured values are within the tolerance limits then such results are declared as “Pass”. The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is ≤5%. All test results issued on this report refer only to the item under test as supplied by the customer.

END OF REPORT

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