

FLAMMABILITY TEST REPORT

Report No.: LEI19050239A **Date Received:** 01/05/19 **Date Tested:** 08/05/19 **Date Issued:** 08/05/19

Company Name & Address: BUTE FABRICS LTD
4 BARONE ROAD
ROTHESAY
ISLE OF BUTE
PA20 ODP

Contact Name: M A SPEIRS

Sample Details

Order No.: 3218
Description: Woven Fabric
Ref. / Style No.: CF1118
Colour: Red
Quality: Mineral
Supplier: Bute Fabrics
Batch No.: Not stated
End Use: Upholstery
Quoted Fibre Composition: 76% Wool, 21% Nylon, 3% Other
Retailer: Not stated
Sample Description: Pink and black coloured woven fabric

Test Method	Pre Treatment	Requirement	Result
BS 5852: Part 1: 1979, Ignition source 0 (Cigarette)	Water soaked as clause 4.2 to 4.5 of BS 5651:1978 as modified by The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended) then line dried.	Compliance with Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies
Note: Fabric was submitted for test rather than the upholstery composite so as suggested by The Guide to the Furniture Regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non-modified) as this will give the furniture manufacturer a good indication of its likelihood to pass the cigarette test for the finished article			
BS 5852: Part 1: 1979, Ignition source 1 (Match)	Water soaked as clause 4.2 to 4.5 of BS 5651:1978 as modified by The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended) then line dried.	Compliance with Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies



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Test Specification

Test Method: BS 5852: Part 1: 1979 as modified by Schedule 4 Part 1 & Schedule 5 Part 1 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).
Ignition Source: Ignition source 0: Filterless cigarette
Ignition source 1: Butane Gas flowing at 45ml/min @ 25°C.
Flame Application Time: 20±1 seconds
Side Tested: Face

Filling Specification

Filling Type: Polyurethane foam
Supplier / Grade: Carpenter / RP21130 unmodified
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)
Density / Hardness: 20-22 kg/m³ / Type B, 130N

Pre-treatment / Durability Procedure

Water soaked as clause 4.2 to 4.5 of BS 5651:1978 as modified by The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended) then line dried.

Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%
At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

Test Results

"The following test results relate only to the ignitability of the combinations 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."

Ignition source 0 (Test 1):	The cigarette burnt out within 19 minutes, there was no flaming or progressive smouldering. (Pass)
Ignition source 0 (Test 2):	The cigarette burnt out within 20 minutes, there was no flaming or progressive smouldering. (Pass)
Ignition source 1 (Test 1):	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)
Ignition source 1 (Test 2):	Flaming ceased 3 seconds after the removal of the burner, there was no progressive smouldering. (Pass)

Conclusions

The composite tested meets the requirements of Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

The fabric tested meets the requirements of Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

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