

## FLAMMABILITY TEST REPORT

**Report No.:** LEI19015015A  
**Supplementary to:** 180113242A

**Date Received:** 15/11/18 **Date Tested:** 21/11/18

**1<sup>st</sup> Date Issued:**  
22/11/18

**Supplementary Issued:**  
28/01/19

**Company Name & Address:** BANCROFT SOFT FURNISHINGS  
6 RUSSELL COURT, WOOL GATE  
COTTINGLY BUSINESS PARK  
BINGLEY  
WEST YORKSHIRE  
BD16 1PE

**Contact Name:** NICOLA

**Sample Details**

Order No.: 5  
Description: Whittle  
Ref. / Style No.: Not stated  
Quality: Whittle  
Colour: Not stated  
Supplier: Not stated  
Intended Use: Not stated  
Quoted Fibre Composition: Pure New Wool  
Retailer: Not stated  
Buying Division: Not stated  
Sample Description: Brown, beige and green coloured woven fabric

Test Method	Pre Treatment	Requirement	Result
BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	Watersoak as Annex E of BS 5852: 2006	As BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	<b>NI/5 (PASS)</b>

**Note:** The customer requested that RX36110 foam with an approximate density of 35 kg/m<sup>3</sup> be used as the filling material

.....  
**STEVEN OWEN**  
(Technical & Operational  
Excellence Manager)

  
.....  
**ANDREW HALLETT**  
(Flammability Team Leader)

.....  
**CAROLE SPOWART**  
(Flammability  
Administrator)

.....  
**GREGORY JAMES**  
(Flammability Technician)

## FLAMMABILITY TEST REPORT

**Test Specification**

Test Method: BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5

**Foam specification**

Supplier / Grade: Carpenter / RX361 10 (As requested by the customer)  
Size: 450 x 450 x 75mm (back) & 450 x 300 x 75mm (seat)  
Density / Hardness: 34-36kg/m<sup>3</sup> /105-115N

**Conditioning**

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 24 hours in an atmosphere having a temperature of 23 ± 2°C and a relative humidity of 50 ± 5%

At Time of Testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

**Test Results**

*“The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852: 2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use”;*

Test number / position	1		2	
<b>Criterion of Ignition</b>				
<b>Smouldering Criteria</b>				
Externally detectable amounts of smoke, heat or glowing 60 minutes after crib ignition	No		No	
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Smouldering essentially consumed the test specimen within the duration of the test / Smouldering reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	No		No	
<b>Flaming Failure</b>				
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No		No	
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Flaming essentially consumed the test specimen within the duration of the test	No		No	
Flaming reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	No		No	
Debris from the test specimen caused an isolated floor fire that continued to flame for more than 10 minutes after the ignition of the crib	No		No	
<b>Final Examination</b>				
Progressive smouldering was observed when the sample was dismantled	No		No	
Evidence of charring within the filling (other than discolouration) more than 100mm in any direction, apart from upwards, from the nearest part of the original position of the ignition source	No		No	
Time to extinction of flames after crib ignition	3 Minutes 58 Seconds		3 Minutes 31 Seconds	
Time to extinction of glowing after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when crib glow ceased		Due to the amount of smoke in the test enclosure it was not possible to see when crib glow ceased	
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased		Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased	
Maximum extent of damage to back (mm) Length / Width	400	110	400	100
Maximum extent of damage to base (mm) Length / Width	95	130	100	135
<b>Test Result</b>	<b>NI/5 (PASS)</b>		<b>NI/5 (PASS)</b>	
<b>Ignitability performance index: “Clause 11 - NI/5”</b>				

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