

Our Ref: SW/PN/RM

02 April 2015

**Report 252024**

**Page 1 of 2**

Creation Baumann  
Unit 302 Business Design Centre  
52 Upper Street  
London  
N1 0QH

Contact: Anna Asciak

---

DATE RECEIVED	:	27 MARCH 2015
FABRIC REFERENCE	:	ALEX
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	BROWN

---

REQUEST: BS 5852:2006 "Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources" using ignition source 5 (wood crib)

---

RESULT: The sample met the performance requirements of BS 5852:2006 Ignition Source 5.

---



**S. WISEMAN**  
**LABORATORY DIRECTOR**



**P. NEESAM**  
**HEAD OF FLAMMABILITY**

This report shall not be reproduced except in full without the written approval of HSTTS. In all circumstances, results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not part of the results. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation



Our Ref: SW/PN/RM

02 April 2015

**Report 252024**

**Page 2 of 2**

**FIRE TESTS ACCORDING TO BS 5852:2006. Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources.**

### **Conditioning**

Prior to testing in the 'as received' state, the sample was placed in indoor ambient conditions for 72 hours and then conditioned for 24 hours in an atmosphere having a temperature of  $23 \pm 2^{\circ}\text{C}$  and a relative humidity of  $50 \pm 5\%$ .

### **Procedure**

Specimens of Fabric Ref: Alex were mounted over fillings of combustion modified high resilience foam of density about  $50 \text{ Kg/m}^3$ , and tests were made using ignition source 5. Pass classifications were assigned if the performance requirements stated below were met.

### **Requirements**

<u>Ignition Source No.</u>	<u>Maximum duration allowed for progressive smouldering</u>	<u>Maximum duration allowed for flaming</u>
5	60 min after ignition of wood crib	10 min after ignition of wood crib

The following test results relate only to the ignitability of the combination of upholstery composites (BS5852: 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 in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

	<b>Test 1</b>	<b>Test 2</b>
Result designation	Pass	Pass
Time of Flame Extinction (min/secs)	4.09	3.56

### **Comments**

The sample met the performance requirements of BS 5852:2006 Ignition Source 5.