

Our Ref: SW/PN/BR

13 June 2017

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Chieftain Fabrics
Fair Green
Trim
Co. Meath
Ireland

Contact: Sinead Doyle

DATE RECEIVED : 18 MAY 2017
RANGE : JUST COL
FABRIC DESCRIPTION : COATED & FOAM
REPUTED FIBRE CONTENT : NOT GIVEN
COLOUR/DESIGN : GREEN

PERFORMANCE STANDARD : GENERAL

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 7 (wood crib)

COMMENT: The sample met the performance requirements of BS 5852:2006 Ignition Source 7.



S. WISEMAN
LABORATORY MANAGER



P. NEESAM
HEAD OF FLAMMABILITY

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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' condition, 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: Just Colour were mounted over the foam supplied by the client with a density 35 kg/m^3 supplied by Livedale, Ref: RX36125. Tests were made using ignition source 7. 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>
7	60 min after ignition of wood crib	13 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.

	Test 1	Test 2
Result designation	Pass	Pass
Time of Flame Extinction (min/secs)	9.23	10.13

Comments

The sample met the flammability performance requirements of BS 5852:2006 when tested using ignition Source 7.