

Our Ref: SW/LS/RM

11 March 2020

Report 360258

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Mario Sirtori Spa
Via Papa Giovanni XXIII, NR 10
23845 Costamasnaga
Lecco
Italy

Contact: S. Binda

DATE RECEIVED	:	02 MARCH 2020
FABRIC SUPPLIER	:	MARIO SIRTORI SPA
QUALITY REFERENCE	:	RELAX
REPUTED FIBRE CONTENT	:	100% PC
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	MINK
END USE	:	UPHOLSTERY

REQUEST: THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988
(Statutory Instrument 1988 No 1324 and subsequent amendments) Schedule 4 Part I and
Schedule 5 Part I

RESULT: The sample submitted, when tested as described above, complies with the
requirements of Schedule 4 Part I and with the requirements of Schedule 5 Part I of
the Regulations.



S. WISEMAN
LABORATORY DIRECTOR



L. SMITH
FLAMMABILITY TECHNICIAN

This report shall not be reproduced except in full without 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 a part of the results. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.



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**THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988
(Statutory Instrument 1988 No 1324 and subsequent amendments)
Schedule 4 Part I and Schedule 5 Part I**

The Regulations specify two methods of test for examining the ignitability properties of fabrics for use in domestic furniture as defined within the Regulations, both based on “Ignitability by smokers materials of upholstered composites for seating” (BS 5852:Part 1:1979). These tests are (a) the ‘cigarette’ test as modified by Schedule 4 Part I of the Regulations and (b) the ‘match’ test as modified by Schedule 5 Part I of the Regulations.

Procedure

Specimens of fabric, Ref: Relax were tested in the 'as received' condition. The specimens were mounted over fillings of non-flame-retardent polyurethane foam with a density of approximately 20-22 kg/m³.

The cigarette test is an indicative test only as it is intended that the test is performed on the actual upholstery composite, details of which are not always known to the cover fabric supplier.

Tests were made in accordance with BS 5852 : Part 1 : 1979 after being conditioned for 72 h in indoor ambient conditions and then 24 h at the following conditions: Temperature (20 ± 5) °C and relative humidity (50 ± 20) %

Requirements

<u>Ignition Source 0</u> (cigarette test)	No flaming; No progressive smouldering one hour after the placement of the cigarette.
<u>Ignition Source 1</u> (‘match’ test)	All flaming and progressive smouldering to cease within 120 sec of removal of the ignition source.

Results

The following test results relate only to the ignitability of the combination 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.

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

<u>Ignition Source</u>	<u>Observations</u>	<u>Result</u>
0	No flaming or progressive smouldering was observed within 60 minutes of the placement of the cigarettes.	Pass
1	Flaming ceased within 120 seconds of the removal of the burner tube and no progressive smouldering was observed.	Pass
	Duration of flaming, secs	<div> <div><u>Test 1</u></div> <div>2</div> </div> <div> <div><u>Test 2</u></div> <div>1</div> </div>

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Conclusions:

The sample submitted, when tested as described above, complies with the requirements of Schedule 4 Part I and with the requirements of Schedule 5 Part I of the Regulations.