Attn: Susan Kelly

FIRE TECHNOLOGY SERVICES

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Our Ref: 27/00091L/1/05
Your Ref:
Order No:

26 January 2005

Client: Pierre Frey (UK) Ltd
251-253 Fulham Road
London
SW3 6HY

Job Title: **Fire Test on One Sample of Fabric**

Material Received: 5 January 2005

Description of Sample: One sample of fabric referenced: **F2500/001**.

Brief: Fire Technology Services were requested to carry out a fire test on the sample of fabric supplied to BS 5852: Part 1, using ignition sources 0 and 1.

UKAS Accreditation: Our Laboratories are UKAS accredited. However, it should be noted that tests marked * are not UKAS accredited in this report. They are not included in the UKAS Accreditation Schedule for our laboratory, either due to the work not conforming fully to the standard (e.g. reduced number of specimens) or to it being outside the scope of our accreditation, or subcontracted.

Testing Atmosphere: Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN 20139:1992) of 65±2% r.h. and 20±2°C.

BTTG

STATUTORY INSTRUMENT NO.1324 CONSUMER PROTECTION
THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988
(SI No 2358 Amendment 1989)

Date of Test: 25/01/2005

Conditioning

Immediately prior to testing the sample was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of 20 ±5°C temperature and 50 ± 20% relative humidity for at least 16 hours. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard by AMS Ltd.

The sample was tested in a room of volume 25m^3 and 20°C.

Procedure

The sample was tested in accordance with Schedule 4 Part I and Schedule 5 Part I of the above regulations.

The specimens were mounted over fillings of standard non-FR polyurethane foam of density about 22Kg/m^3.

Tests were made in accordance with BS 5852 part 1, using ignition sources 0 and 1

Requirements

Ignition Source 0	No progressive smouldering or flaming within one hour of the placement of the cigarette.
Ignition Source 1	All progressive smouldering and flaming to cease Within 120s of removal of the burner tube.

In relation to progressive smouldering for ignition source 1, it has been clarified by the British Standards Institution Committee responsible for the development of BS 5852: Part 1:1979 (CCM/44) that it is necessary to observe test specimens for a period of 15 minutes from the removal of the gas flame in order to determine whether or not the specimen is smouldering progressively.

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.

During testing the following was noted:-

	Source 0		Source 1	
Time of ignition(s)	---	---	6	7
Time of Flame Extinction(s)	---	---	20	22
Time of Smoke Extinction(s)	1073	1125	28	30
Time of cover split(s)	---	---	DNS	DNS
Melting (Yes or No)	No	No	No	No
Dripping (Yes or No)	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes
Other Phenomena				
Pass / Fail	Pass	Pass	Pass	Pass

DNS Material did not split

Comments

The specimens were tested as received. The results indicate that the above sample meets the performance requirements for Sources 0 and 1.

The information contained on page no's 1/3 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by Fire Technology Services on the materials referred to.

Signed B. Chambers Date 26/1/05
Mr. B. Chambers
Fire Technician

Signed Date 26/1/05
Mr. M Nunney
Group Manager

UKAS TESTING
1066
Group