

Confidential Report

Our Ref: 27/06601A/10/24



Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
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Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 07 November 2024

Our Ref: 27/06601A/10/24
Your Ref: AC0050902

Client: **Saint Clair Textiles**

415 Avenue De Savoie
38110 La Tour Du Pin
Cedex
France

Job Title: Fire test on one sample of wallcovering

Clients Order Ref: AC0050902

Date of Receipt: 21 October 2024

Description of Sample: One sample of wallcovering, referenced; TEXTURA+.

Work Requested: We were asked to make the following test(s):

BS 7837

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited

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Note: This report relates only to the items tested.

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FIRE TESTS ACCORDING TO BS 7837:1996 (2015)
Specification for Flammability Performance for Textiles Used in the Construction of Marquees and Similar Tented Structures

Date of test: 06/11/24

Conditioning

Prior to commencing the testing, the sample was water-soaked and then conditioned for at least 24 hours in an atmosphere having a temperature of 20 ± 2°C and a relative humidity of 65 ± 5%.

Procedure

The test was carried out in accordance with the above standard. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard. Three length and three width specimens were tested.

Test 2B (bottom edge ignition) of BS 5438:1989 was used together with a flame application time of 10 seconds, as specified.

In addition, a piece of filter paper with specified characteristics was placed 55mm below the specimen to detect flaming debris.

The following parameters were determined:-

1. Duration of flaming
2. Extent of damage
3. Filter paper ignition, if applicable

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Performance

The sample shall be deemed to perform satisfactorily (pass) if, for at least five of the six test specimens:

(a) the duration of flaming does not exceed 5s after removal of the igniting flame; and

(b) the lowest boundary of any flame does not reach the upper edge or either vertical edge; and

(c) the filter paper does not smoulder or flame.

The sample shall be deemed not to conform to BS 7837:1996 (2015) if more than two test specimens show any of the effects listed in (a) to (c) above. If two test specimens show any of the above effects then a further six specimens shall be tested. In this case, the sample shall be deemed to pass if five of the second set of six specimens performs satisfactorily.

Results

Direction	Duration of Flaming (s)	Duration of Afterglow (s)	Flaming Debris	Flame on any Edge	Hole on any Edge	Glow Reached any Edge	Max length Damage (mm)
Warp	0	0	No	No	No	No	75
	0	0	No	No	No	No	70
	0	0	No	No	No	No	60
Weft	0	0	No	No	No	No	61
	2	0	No	No	No	No	100
	0	0	No	No	No	No	74

The 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.

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Comments

The results indicate that the sample met the above performance requirements.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (https://www.bttg.co.uk/about-us/decision-rules-policy/) for further information.

Reported by:..... B Marsden (Mrs), Senior Laboratory Technician

Countersigned by:..... A Shute, Section Leader

Enquiries concerning this report should be addressed to Customer Services.

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Uncertainty Budget

The overall uncertainty budget for BS 7837:1996 (2015) is as follows:-

Timings: ±2 seconds.
Distance: ±2mm

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