



Confidential Report

Our Ref: 27/06014B/10/22



Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 9 November 2022

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Client: Woodside Garden Products

Eagle Hill
Hackestown
Co. Carlow
Ireland
R93 KV78

Job Title: Hot Metal Nut Test on One Sample of Wood Chips

Clients Order Ref: --

Date of Receipt: 31 October 2022

Description of Sample: One sample of wood chips, referenced; Standard Wood Chips.

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

BS 4790

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

Note: This report relates only to the items tested.

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
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Our laboratories are accredited to EN ISO/IEC 17025.

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FIRE TESTS ACCORDING TO BS 4790:1987 (2014) (*)**
Determination of the effects of a small source of ignition on textile floorcoverings,
(Hot Metal Nut Method)

Date of test: 09/11/2022

Procedure

The sample was tested according to the above standard. The sponsor sampled the material to provide enough chippings for the coverage of the dimensions set out in the standard by BTTG. The chippings were tested at a depth of approximately 2-3 inches in depth.

Requirements

The results were classified according to BS 5287:1988 (2014) - 'Assessment and Labelling of Textile floorcoverings tested to BS 4790' The full descriptions of the classifications, abbreviated to low, medium or high in the table of results, are as follows:-

- low radius of effects of ignition (up to 35mm)
- medium radius of effects of ignition (40 to 75mm)
- high radius of effects of ignition (80mm or over)

Results

| Duration of Flaming (s) | Greatest radius of char | | Glowing (s) | Class |
|-------------------------|-------------------------|-----------|-------------|-------|
| | Face (mm) | Back (mm) | | |
| 30 | 15 | -- | 5 | Low |
| 30 | 20 | -- | 10 | Low |
| 30 | 15 | -- | 3 | Low |



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Note

The test results relate only to the behaviour of the test specimens after application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire.

Comments

The test was carried out on specimens loose laid onto 6mm fibre cement backing board, , in accordance with mounting method 1.

Please note that a high classification is the worst result and a low classification is the best result. Also the end result is based on the worst specimen of the three specimens tested.

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:.....*23. Marsden*..... B Marsden (Mrs), Senior Laboratory Technician

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

Enquiries concerning this report should be addressed to Customer Services.



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Uncertainty Budget - Annex

The overall uncertainty budget for both BS 4790:1987 (2014) is as follows:-

Measurements: $\pm 5\text{mm}$