



Confidential Report

Our Ref: 25/07174B/03/16

Notified Body
for PPE Directive,
Construction Products
Regulation & Marine
Equipment Directive
I.D. No. 0338 & 0339

British Carpet Technical Centre
Wira House, West Park Ring Road,
Leeds, LS16 6QL

Tel No: +44 (0)113 2591999





BCTC

CARPET TECHNICAL CENTRE

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7 April 2016

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Your Ref:

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Q A Flooring Solutions Ltd
Unit2, Hurricane Drive
Liverpool
L24 8RL

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

Clients Order Ref: ---

Date of Receipt: 21 March 2016

Reference: **Fibresoft**
Description of Sample: Fibrous Underlay
Measurements: 100cm x 100cm & 57cm x 60cm

Work Requested: BCTC were requested to carry out a Hot Metal Nut Test on the sample of underlay supplied.





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Q A Flooring Solutions Ltd

FIRE TESTS ACCORDING TO BS 4790:1987 (2009)
Determination of the effects of a small source of ignition on textile floorcoverings, (Hot Metal Nut Method)

Date of test: 07/04/2016

Procedure

The sample was tested according to the above standard. The sponsor sampled the material and the specimen was cut from the sample received to the dimensions set out in the standard by BCTC.

Requirements

The results were classified according to BS 5287:1988 (2009) - '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		Class
	Face (mm)	Back (mm)	
79	35	20	Low
72	35	25	Low
70	35	20	Low

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





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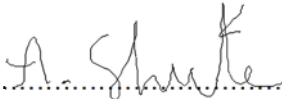
Q A Flooring Solutions Ltd

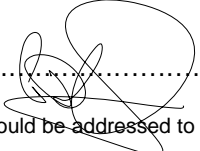
Comments

The test was carried out on specimens loose laid onto 6mm calcium silicate non-combustible backing boards, 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.

An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

Reported by:.....  A Shute, Fire Technician

Countersigned by:.....  P Doherty, Operational Head

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: $\pm 5\text{mm}$

