



BCTC

CARPET TECHNICAL CENTRE

Confidential Report

Our Ref: 25/06711C/07/15

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,
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28 July 2015

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Texfelt Ltd
South Lane Mills
South Lane
Elland
West Yorkshire
HX5 0HQ

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

Clients Order Ref: --

Date of Receipt: 21 July 2015

Reference: **Envirolay 42oz**
Description of Sample: Felt Underlay
Measurements: 110cm x 140cm

Work Requested: BCTC were requested to carry out a fire test on the sample supplied to BS 4790.

BTTG Testing & Certification Ltd.

Registered Office : Unit 14, Wheel Forge Way, Trafford Park, Manchester M17 1EH.
A company registered in England & Wales with company number 04669650. VAT Number GB 816740526
Our laboratories are accredited to EN ISO/IEC 17025



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Texfelt Ltd

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

Three specimens from the sample were tested according to the above standard.

The results were classified according to BS 5287:1988 (2009) - 'Assessment and Labelling of Textile floor coverings 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).

<u>Duration of Flaming (s)</u>	<u>Greatest radius of char</u>		<u>Class</u>
	<u>Face (mm)</u>	<u>Back (mm)</u>	
36	25	10	Low
34	20	15	Low
41	25	15	Low

Specimen 1: Afterglow – 37s
Specimen 2: Afterglow – 13s

Note

The specimens were tested loose laid over 6mm calcium silicate non combustible backing boards.

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.

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

Reported by: *B. Marsden* B Marsden (Mrs), Fire Technician

Countersigned by: *[Signature]* P Doherty, Operational Head

Enquiries concerning this report should be addressed to Customer Services.

