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Our Ref: 2501579D/06/07
Your Ref:
Order No: 4570309794

27 June 2007
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Client: Carpenter Ltd
Dinting Lodge Industrial Estate
Glossop
Derbyshire
SK13 6LE

Job Title: **Hot Metal Nut Test on One Sample of Underlay**

Material Received: 20 June 2007

Reference: **Greenstep Underlay 75kg/m³**
Description of Sample: Foam Crumb Underlay
Measurements: 111cm x 135cm

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

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.

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

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 ISO 139:2005) of 65±4% r.h. and 20±2°C.

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This report is incomplete without all the pages specified above
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Carpenters Ltd

**FIRE TESTS ACCORDING TO BS 4790:1987(2003)
(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 (2003) - '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>	
43	30	25	Low
44	30	20	Low
35	30	20	Low

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.

The information contained on page no's 1/2 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by the British Carpet Technical Centre on the materials referred to.

Signed.....Date.....
K Pillinger
Laboratory Technician

Reported By.....Date.....
P Doherty
Operational Head

This report is incomplete without all the pages specified above.



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