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Client: Brett Valley Maintenance Services Ltd
Vauxhall Farm
(off Woodlands Road)
Great Wenham
Colchester
Essex
C07 6QQ

Job Title: **Fire Test on One Sample of Loose Fill Mulch**

Material Received: 18 November 2008

Reference: **Enviro Husk**
Description of Sample: **Coarse cut cube coconut coir loose fill mulch.**
Measurements: 28cm x 28cm

Brief: BCTC were requested to carry out a Hot Metal Nut Test on the sample 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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**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>	
30	20	---	Low
30	20	---	Low
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.

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.





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The information contained on page no's 1/3 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 11 December 2008
M Reed
Laboratory Technician

Reported By..... Date 11 December 2008
P Doherty
Operational Head

