



Farming, Food and Health. **First**

Te Ahuwhenua, Te Kai me te Whai Ora. **Tuatahi**

AgResearch Test Report

AgResearch Limited

Lincoln Research Centre

Cnr Springs Road & Gerald Street

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LABORATORY

No.09/485

(Please quote this number in all correspondence)

CLIENT:
Matta Products Ltd
P O Box 251285
Pakuranga 2140
Manukau
Auckland

SAMPLE RECEIVED FROM:
Matta Products Ltd

Date: 07.05.09

SAMPLE DESCRIPTION:
PA002102E101- Play Matta Original, Black.

Attn: Paul Thomsen

Client Order No.:

Client Reference:

1

BS 4790 - 1987 EFFECTS OF A SMALL SOURCE OF IGNITION ON TEXTILE FLOORCOVERINGS (HOT METAL NUT METHOD)

Mounting Method: Loose laid.

Results

	Sample 1	Sample 2	Sample 3
The time (seconds) from application of nut to extinction of flame	Nil	Nil	Nil
The time (seconds) of any afterglow and/or smouldering after nut removal and extinction of flame	Nil	Nil	Nil
Time for effects of ignition to reach edge of clamping ring (seconds)	Nil	Nil	Nil
Radius of affected area (surface) mm	15	15	15
(underside mm)	0	0	0

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



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation


L A Greer, Testing Manager
Signatory

21/05/2009



International Accreditation New Zealand has a mutual recognition agreement with the National Association of Testing Authorities, Australia (NATA) such that both organisations recognise accreditations by International Accreditation New Zealand and NATA as being equivalent. Users of test certificates are recommended to accept test certificates in the name of either accrediting body.



TERMS AND CONDITIONS: The client, upon receipt of this Report is deemed to accept the Terms and Conditions printed on the reverse of this report.

ACCREDITED FOR
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BS 5287:1988 ASSESSMENT AND LABELLING OF TEXTILE FLOOR COVERINGS TESTED TO BS 4790

When tested according to the appropriate method of BS 4790 this floor covering has a **low** radius of effects of ignition.

The principle of BS 4790 is that a stainless steel nut heated at 900 °C is placed on the use surface of the test material and the greatest radius of the effects of ignition from the point of application of the nut is measured on both use-surface and under surface.

- 35 mm or less can be described as 'low radius of effects of ignition' and indicates that if the material is ignited from a small source (eg lighted match or glowing coal, it will not spread flame under normal conditions in the absence of supporting thermal radiation.
- > 35 mm and up to 75 mm - 'medium radius of effects of ignition' and indicates will spread flame to a limited extent only.
- > 75 mm - 'high radius of effects of ignition' indicates the material will ignite and may continue to spread



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L A Greer, Testing Manager
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