



LABORATORY

No.09/276

(Please quote this number in all correspondence)

CLIENT:
Rephouse (M) Sdn. Bhd
37, Jalan Jasmine 3
Bukit Beruntung
48300 Selangor D.E
Malaysia

SAMPLE RECEIVED FROM:
Rephouse (M) Sdn. Bhd

Date: 24.03.09

SAMPLE DESCRIPTION:
Neoflex Enviro Series Rubber Flooring.

Attn: Michael Brinkers

Client Order No.:

Client Reference:

1

BS EN ISO 9239-1:2002(E) REACTION TO FIRE TESTS FOR FLOORINGS.
(AS ISO 9239.1 – 2003)

Part 1. Determination of the burning behaviour using a radiant heat source.

These test results relate only to the behaviour of the product under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Conditioning (EN 13238) : Constant weight @ 50±5 %RH, 23±2 °C.

Test Conditions :

Test date: 03.04.09

Pilot flames from line burner.

Substrate:- 6mm cement board.

Assembly System:- Direct stuck to cement board

Sampling :- Test samples cut from sample as supplied.

Results:

Warp direction, initial test – Critical Heat Flux (CHF) = 4.6 kW/m².

Weft/Warp direction

| Sample | CHF (At flame out) | Test Duration (At flame out) | Heat flux kW/m ² at | | | Burn Length (cm) |
|----------------|-----------------------|---------------------------------|--------------------------------|---------|---------|------------------|
| | | | 10 mins | 20 mins | 30 mins | |
| Specimen 1 | 4.6 kW/m ² | 54 mins | 10.6 | 8.4 | 5.9 | 45 |
| Specimen 2 | 5.3 kW/m ² | 42 mins | 9.3 | 7.6 | 6.1 | 41 |
| Specimen 3 | 5.5 kW/m ² | 49 mins | 11.0 | 9.3 | 7.1 | 40 |
| Average | 5.2 kW/m ² | 48 mins | 10.3 | 8.4 | 6.4 | 42 |

Observations: The sample melted and then ignited.



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


L A Greer, Testing Manager
Signatory

16/04/2009



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
**TECHNICAL
COMPETENCE**



Farming, Food and Health. **First**

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

AgResearch Test Report

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| Distance Burnt mm | Time for each Specimen to reach marker (mins) | | |
|-------------------|---|-------|-------|
| | 1 | 2 | 3 |
| 50 | 3.14 | 3.21 | 3.40 |
| 100 | 4.41 | 4.52 | 6.10 |
| 150 | 9.12 | 7.23 | 12.25 |
| 200 | 12.48 | 8.35 | 17.45 |
| 250 | 18.28 | 14.13 | 23.07 |
| 300 | 23.0 | 19.46 | 28.51 |
| 350 | 28.43 | 25.01 | 34.18 |
| 400 | 34.26 | 37.53 | 45.48 |
| 450 | 49.23 | | |

Appendix A Smoke Measurement

| Specimen | Direction of test | maximum % | % x min. |
|-------------------------------|-------------------|-----------|----------|
| 1 | Warp | 19.0 | 247 |
| 2 | Warp | 25.6 | 272 |
| 3 | Warp | 19.0 | 242 |
| Average of 3 samples (1 to 3) | | 21.2 | 254 |



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