

canesis test report

Canesis Network Limited
Private Bag 4749 . Christchurch . New Zealand
Corner of Springs Road and Gerald Street . Lincoln . Canterbury
Tel:+64 3 325 2421 . Fax:+64 3 325 2717



LABORATORY

No.07/390A

(Please quote this number in all correspondence)

CLIENT:
Rephouse Australia
Unit 3B
8 Pound St
West Ipswich
Queensland 4305
Australia

SAMPLE RECEIVED FROM:
Rephouse (M) Sdn Bhd

Date: 13.02.07

SAMPLE DESCRIPTION:
NeoFlex 700 Series.

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: 01.03.07

Pilot flames from line burner.

Substrate:- 6mm cement board.

Assembly System:- Samples direct stuck to cement board using acrylic adhesive.

Sampling :- Test samples cut from sample as supplied.

Results:

Warp direction, initial test – Critical Heat Flux (CHF) = 5.2 kW/m².

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 | 5.1 kW/m ² | 70 mins | 9.3 | 7.4 | 6.7 | 42 |
| Specimen 2 | 5.0 kW/m ² | 62 mins | 9.9 | 7.6 | 6.9 | 43 |
| Specimen 3 | 5.5 kW/m ² | 67 mins | 9.7 | 7.1 | 6.5 | 40 |
| Average | 5.2 kW/m ² | 66 mins | 9.6 | 7.4 | 6.7 | 42 |

Observations: The sample ignited. No evidence of melting, buckling or shrinkage occurred.

L A Greer, Testing Manager
Signatory

14/03/2007



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.



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| Distance Burnt mm | Time for each Specimen to reach marker (mins) | | |
|-------------------|---|-------|-------|
| | 1 | 2 | 3 |
| 50 | 4.22 | 4.45 | 4.36 |
| 100 | 6.20 | 6.41 | 6.56 |
| 150 | 8.43 | 8.04 | 8.32 |
| 200 | 9.54 | 10.47 | 9.59 |
| 250 | 11.17 | 13.25 | 12.08 |
| 300 | 16.29 | 20.10 | 17.41 |
| 350 | 32.12 | 34.19 | 20.12 |
| 400 | 40.36 | 43.51 | 42.36 |

Appendix A Smoke Measurement

| Specimen | Direction of test | maximum % | % . x min. |
|-------------------------------|-------------------|-----------|------------|
| 1 | Warp | 34.6 | 571 |
| 2 | Warp | 49.8 | 605 |
| 3 | Warp | 56.4 | 607 |
| Average of 3 samples (1 to 3) | | 46.9 | 594 |



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


L A Greer, Testing Manager 14/03/2007
Signatory



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