

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.07/390E

(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 800 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: 07.03.07

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) = 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	63 mins	11.3	9.3	8.0	42
Specimen 2	5.5 kW/m ²	59 mins	11.2	9.1	7.8	40
Specimen 3	5.0 kW/m ²	61 mins	11.3	9.1	7.8	43
Average	5.2 kW/m ²	61 mins	11.3	9.2	7.9	42

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



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

L A Greer, Testing Manager
Signatory

14/03/2007



International Accreditation New Zealand (IANZ) is a signatory to an 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	6.32	6.15	6.23
100	10.08	9.51	10.36
150	14.53	13.59	14.43
200	17.26	18.31	19.18
250	28.00	29.42	30.14
300	33.45	24.08	34.56
350	47.31	46.24	49.48
400	58.31	54.36	56.31

Appendix A Smoke Measurement

Specimen	Direction of test	maximum %	% x min.
1	Warp	14.8	171
2	Warp	17.3	278
3	Warp	10.1	141
Average of 3 samples (1 to 3)		14.1	197



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