

TEST REPORT



Your Ref: -

Date: 16 Mar 2006

Our Ref: 54S060849/A2/ED

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DID: 6885 1414

Fax: 6779 3903

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SUBJECT:

Testing of fibre-cement board samples

TESTED FOR:

Mahaphant Fiber-Cement Public Company Limited
59 Moo 12 Saraburi-Lomsak Road
KM 16, Chongsarika Dist.
Pattananikhom, Lopburi 15220
Thailand

Attn: Mr Soontorn Tansungnoen

SAMPLE DESCRIPTION:

The following items were received on 16 Feb 2006 as shown:

Sample	Dimensions	Quantity
'Shera Fibre-Cement Board (Flexy Board)' [Non-Asbestos Fibre-Cement Board]	300 mm x 150 mm x 6 mm	5 pcs

TEST METHOD:

Flexural Properties

ASTM C1185 : 2003 Standard Test Methods For Sampling And Testing Non-Asbestos Fibre-Cement Flat Sheet, Roofing And Siding Shingles, And Clapboards

Section 5 : Flexural Strength (Modulus Of Rupture)

Section 5.2.3.2 : Wet Conditioning

Test condition : After immersion in water at 23°C for 48 hours
Span length : 254 mm
Crosshead speed : 100 mm/min
No. of determinations : 5



CONDITIONING:

Unless otherwise specified, all test specimens were conditioned at $23 \pm 2^\circ\text{C}$, $70 \pm 15\%$ relative humidity and tested at $23 \pm 2^\circ\text{C}$, $50 \pm 5\%$ relative humidity.

TEST RESULTS:

Test	Unit	'Shera Fibre-Cement Board (Flexy Board)' [Non-Asbestos Fibre-Cement Board]
1a) Flexural Strength, average	MPa	8.9
1b) Flexural Modulus, average	MPa	5354



EDDIE SUWAND
ASSOCIATE ENGINEER



CHRISTINA LOH
PRODUCT MANAGER
POLYMER PRODUCTS
TESTING GROUP

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May 2005