

TEST REPORT



Your Ref: -

Date: 18 Apr 2006

Our Ref: 54S060849/A7/ED

Page: 1 of 3

DID: 6885 1414

Fax: 6779 3903

NOTE: This report is issued subject to PSB Corporation's "Terms and Conditions Governing Technical Services". The terms and conditions governing the issue of this report are set out as attached within this report.

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 75 mm x 6 mm	8 pcs



TEST METHOD:

Moisture Movement

ASTM C1185 : 1996 Standard Test Methods For Sampling And Testing Non-Asbestos Fibre-Cement And Flat Sheet, Roofing And Siding Shingles, And Clapboards
Section 8 : Moisture Movement

Test conditions : (a) $23 \pm 3^{\circ}\text{C}$ and $30 \pm 2\%$ relative humidity for 24 hours
(b) $23 \pm 3^{\circ}\text{C}$ and $90 \pm 5\%$ relative humidity for 24 hours
No. of determinations : 3

CONDITIONING:

Unless otherwise specified, all test specimens were conditioned at $23 \pm 2^{\circ}\text{C}$, $70 \pm 15\%$ relative humidity and tested at $23 \pm 2^{\circ}\text{C}$, $65 \pm 5\%$ relative humidity.

TEST RESULT:

Test	Unit	'Shera Fibre-Cement Board (Flexy Board)' (Non-Asbestos Fibre-Cement Board)
Linear Change In Moisture Movement, average	%	-0.04



EDDIE SUWAND
ASSOCIATE ENGINEER



CHRISTINA LOH
PRODUCT MANAGER
POLYMER PRODUCTS
TESTING GROUP

This Report is issued under the following conditions:

1. Results of the testing/calibration in the form of a report will be issued immediately after the service has been completed or terminated.
2. Unless otherwise requested, a report shall contain only technical results. Analysis and interpretation of the results and professional opinion and recommendations expressed thereupon, if required, shall be clearly indicated and additional fee paid for, by the Client.
3. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that PSB Corporation approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that PSB Corporation in any way "guarantees" the later performance of the product/equipment.
4. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. PSB Corporation therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
5. Additional copies of the report are available to the Client at an additional fee. No third party can obtain a copy of this report through PSB Corporation, unless the Client has authorised PSB Corporation in writing to do so.
6. PSB Corporation may at its sole discretion add to or amend the conditions of the report at the time of issue of the report and such report and such additions or amendments shall be binding on the Client.
7. All copyright in the report shall remain with PSB Corporation and the Client shall, upon payment of PSB Corporation's fees for the carrying out of the tests/calibrations, be granted a license to use or publish the report to the third parties subject to the terms and conditions herein, provided always that PSB Corporation may at its absolute discretion be entitled to impose such conditions on the license as it sees fit.
8. Nothing in this report shall be interpreted to mean that PSB Corporation has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
9. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to PSB Corporation or to the report or results furnished by PSB Corporation in any advertisements or sales promotion.
10. Unless otherwise stated, the tests are carried out in PSB Corporation Pte Ltd, No.1 Science Park Drive Singapore 118221.

May 2005