SHERA™ build better, live better

DECLARATION OF PERFORMANCE

01 July 2013

1. Unique identification code of the product-type:

Fiber cement flat sheets

EN 12467:2004

2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Non-asbestos fiber cement flat sheets

The Production Batch Number will be provided by the manufacturer, and will be printed on the back of the product using laserjet printing

EN12467.1, section 7.3.2. : Reaction to fire regulations - Category A, Class A2

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Non-asbestos fiber cement flat sheets : Internal & External wall and Ceiling finishes

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Name - SHERA

Address - Mahaphant Fibre-Cement Public Co.,Ltd.

- 59 Moo 12, Saraburi-Lomsak Rd., KM. 16, Chongsarika, Pattananokom, Lopburi 15220, Thailand., Tel : +6636 638 888, Fax : +6636 638 638

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

BM Corporation Danmark A/S

Stykgodsvej 7, DK-9000 Aalborg.

www.bmc-danmark.dk

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

Control system - ISO 9001:2008

Certification body - SGS (Thailand) Ltd.

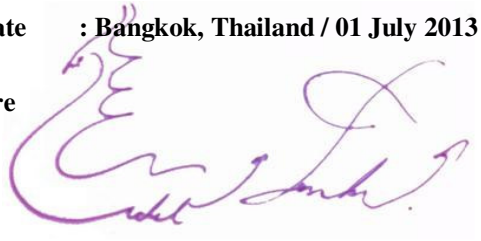
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

- **The initial type testing was conducted by TÜV SÜD PSB Pte. Ltd.**
- **Further conformity audits were controlled and verified by TÜV SÜD PSB Pte. Ltd.**
- **SHERA boards have been tested by TÜV SÜD PSB Pte. Ltd. The attestation of conformity of fibre cement sheets is based on the annex ZA of EN 12467:2004, "Fibre cement flat sheets - Product specification and test methods" and is also in accordance with EN12467.1, section 7.3.2. The testing institute confirms the flexural strength values for boards of 6, 8, 10 and 12mm are > 7 N/mm^2 in wet conditions and the product characteristics fulfill all requirements in Category A, Class 2.**

8. Declared performance

Essential characteristics	Performance	Harmonized technical Specification
Thickness	**6 mm, 8mm, 10mm, 12mm**	**EN 12467:2004**
Flexural strength	**> 7 N/mm^2 in wet conditions**	
Reaction to fire	**Category A, Class 2** **A2-s1, d0**	
Dangerous substances	**None**	
Water permeability	**Pass**	
Durability against warm water	**Pass**	
Durability against soak/dry	**Pass**	
Durability against freeze/thaw	**Pass**	
Durability against heat/rain	**Pass**	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

- **Name : Dr.-Ing. Wichit Prakaypan**
- **Position : Research and Innovation Executive Advisor**
- **Place/Date : Bangkok, Thailand / 01 July 2013**
- **Signature**