



**CODEMARK™**

# CERTIFICATE OF CONFORMITY



This is to certify that

## NRG Greenboard™ Insulated Wall Cladding

### Product description

NRG Greenboard™ External Wall insulation and render components, consisting of:

- Expanded polystyrene, 40, 60 or 75 mm thick complying with Class M of AS 1366.3 1992
  - Fixed to stud framing by screws and PVC washers
  - PVC beading (UV stabilized)
  - 5 mm reinforced cement render
  - Reinforced render system to NRG Specification
  - Acrylic based texture membrane coating.
- The cladding system is fixed to a stud frame, incorporating a reflective or non-reflective cavity and plasterboard lining.

### Product purpose or use

NRG Greenboard™ - Insulated Cladding System consisting of the expanded polystyrene board, beading, reinforced render, and coating.

### Certificate holder

MFT Holdings QLD Pty Ltd  
8/31 Lundberg Drive, Murwillumbah NSW 2484

### CodeMark certification body

Global-Mark Pty Ltd  
407 - 32 Delhi Road  
North Ryde NSW 21139, Australia  
www.Global-Mark.com.au

### Complies with the Building Code of Australia 2010:

- Volume One J1.2 (a) The product will contribute to compliance with this part, under the circumstances described in Notes 1, 2 and 3.
- Volume One FP1.4 The product will contribute to compliance with this part.
- Volume Two 3.12.1.1(a) The product will contribute to compliance with this part, under the circumstances described in Notes 1, 2 and 3
- Volume Two P2.2.2 The product will contribute to compliance with this part.

### Notes

1. The stated thermal resistances are the minimum values required for compliance AS 1366.3 for Class M for the expanded polystyrene.

Thickness of Expanded Polystyrene, in mm	Thermal Resistance - R m <sup>2</sup> K/W
40	0.96
60	1.44
75	1.80

2. These values may be used, in conjunction with the thermal properties of other components, to satisfy:
  - Performance requirement BCA Volume One JP1, using verification methods JV3.
  - Performance requirement BCA Volume Two P2.6.1 using verification methods V2.6.2.2.
  - Deemed-to-Satisfy provision BCA Volume One J1.5, using Tables J1.5a and J1.5b.
  - Deemed-to-Satisfy provision BCA Volume Two 3.12.1.4, using Table 3.12.1.3.
3. To determine the total thermal resistance of the wall system, the following should be added to these values - 0.01 for the render, 0.03 for the external air film, 0.12 for the internal air film and appropriate values for plasterboard, reflective or non-reflective cavities and other wall components in accordance with Clause J1.2(d) and Specification J1.2, should they be incorporated into the construction.
4. When constructed in accordance with the manufacturer's requirements as presented in the NRG Specifications Manual (Edition 5, May 2010), the product (consisting of several components) will contribute to energy requirements compliance of the building (as a whole).
5. This Certificate does not cover vermin retardant properties.

Subject to the following conditions and limitations: (see page 2)

Managing Director  
Herve Michoux

Unrestricted Building  
Certifier, Peter Gardner

13/05/2010

Date of issue

08/03/2011

Last update

13/05/2013

Date of expiry

GM-10-CM30005

Certificate Number

This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms with the BCA, nor accepts any liability arising out of the use of the Product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, [www.abcb.gov.au](http://www.abcb.gov.au).





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Page 2 of 2

## Subject to the following conditions and limitations

1. Product selection, and incorporation into the building design, shall be made by a person who:
  - Is conversant with the application and technical aspects of the product; and
  - Has ready access to the relevant technical information related to the product use.
2. Product installation shall be carried in accordance with the NRG Specifications Manual (Edition 5, May 2010) and out by an NRG trained and competent person (having received the NRG Greenboard™ Certificate of Competence) under the direction of a Builder.
3. An Application for NRG CodeMark Certification Form shall be completed and signed by the Supplier, Builder and Installer. This form must be signed by the Builder, and submitted to NRG, with the copy issued to the owner.
4. This system applies to wall only and not roofs
5. Excludes compliance with BCA 2010 Volume One Section C: compliance for non-combustibility, fire hazard properties when used as a wall or ceiling lining, fire hazard properties when used as a composite member (eg. insulation within a wall), fire hazard properties generally, and regarding fire resistance or fire resistance levels.
6. Excludes compliance BCA 2010 Volume Two Part 3.7: compliance for non-combustibility and regarding fire resistance or fire resistance levels.
7. Excludes compliance with the bushfire protection properties of BCA Volumes One and Two.



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