



CODEMARK™

PRODUCT CERTIFICATE



**BUREAU
VERITAS**

This is to certify that

BROWNIE® Glass Mineral Wool Insulation

Complies with the New Zealand Building Code (NZBC):

If designed, used, installed and maintained in accordance with the scope of this certificate, the above mentioned product will meet or contribute to meeting the following provisions of the NZBC:

- B2 Durability – B2.3.1 (a)
- C3 Fire affecting areas beyond the source – C3.7 (a)
- E3 Internal Moisture – E3.3.1
- F2 Hazardous Building Materials – F2.3.1
- H1 Energy Efficiency – H1.3.1 (a), H1.3.2E

Subject to the following conditions and limitations

1. BROWNIE® Glass Mineral Wool Insulation must be installed in accordance with the relevant and current online BROWNIE® Installation Instruction www.brownie.co.nz/links.aspx.
2. The building envelope must be constructed to ensure the insulation remains dry during installation and throughout the life of the building

Product description

BROWNIE® Glass Mineral Wool Insulation is a non-combustible and no added formaldehyde resin bonded glass mineral wool thermal insulation material. It is supplied in blanket form (Brownie Blanket) and slab form (Brownie Slab).

WALL - Slab Products for Ecowool BROWNIE® Glass Mineral Wool Insulation - R Value@15C

- R2.2 90mm x 0.58m x 1.14m
- R2.4 90mm x 0.58m x 1.14m
- R2.6 90mm x 0.58m x 1.14m
- R2.8 90mm x 0.58m x 1.14m

WALL - Blanket Products for Ecowool BROWNIE® Glass Mineral Wool Insulation - R Value@15C

- R1.8 75mm x 1.2m x 12m
- R2.2 90mm x 1.2m x 13m
- R2.4 90mm x 1.2m x 10m
- R2.6 90mm x 1.2m x 7m
- R2.8 90mm x 1.2m x 5m
- R3.6 140mm x 1.2m x 5m

CEILING - Slab Products for Ecowool BROWNIE® Glass Mineral Wool Insulation - R Value@15C

- R3.3 145mm x 0.432m x 1.22m
- R3.6 160mm x 0.432m x 1.22m
- R4.0 180mm x 0.432m x 1.22m
- R5.0 220mm x 0.432m x 1.22m
- R6.0 230mm x 0.432m x 1.22m

CEILING - Blanket Products for Ecowool BROWNIE® Glass Mineral Wool Insulation - R Value@15C

- R2.7 120mm x 1.2m x 10m
- R2.9 130mm x 1.2m x 10m
- R3.3 145mm x 1.2m x 8.5m
- R3.6 160mm x 1.2m x 10m
- R4.0 180mm x 1.2m x 8m

MASONRY - Blanket Products for Ecowool BROWNIE® Glass Mineral Wool Insulation - R Value@15C

- R1.0 40mm x 1.2m x 30m
- R1.3 50mm x 1.2m x 15m

Product purpose or use

BROWNIE® Glass Mineral Wool Insulation is suitable for installation in new and existing timber and steel framed buildings.

Certificate holder

PGF INSULATION SDN BHD
2449, Lorong Perusahaan Sepuluh
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Ph: +604 390 8460
Web: www.brownie.co.nz

CodeMark Product Certification Body

Bureau Veritas Australia Pty Ltd
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Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

13 June 2019
Date of issue

CM70029
Certificate Number



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKINA WHAKATUTUKI



WWW.JAS-ANZ.ORG/REGISTER

- This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry 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 building method(s) or product(s) referred to in this certificate.
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