

# BROWNIE® V2 GLASS MINERAL WOOL

Brownie



## WHY IS IT GREEN?

- BROWNIE® V2, a new range of glass mineral wool insulation manufactured by PGF Insulation features innovative new binding technology that incorporates a natural anti-formaldehyde ingredient that reduces the overall formaldehyde exposure.
- BROWNIE® V2 does not contain any ozone depleting products (ODP) in its manufacturing process and has ultra-low volatile organic compounds (VOCs) content, compliant with formaldehyde emission criteria set by major green certification bodies around the world.
- Once installed, the high-performance glass mineral wool provides fire safety, acoustic insulation and a highly effective barrier to heat flow. By maintaining the desired temperature indoor, BROWNIE® V2 reduces the need for additional cooling or heating system and hence, lowers the CO<sub>2</sub> emission to the atmosphere.
- Manufactured from recycled material, BROWNIE® V2 contains up to 80% of recycled glass cullet.

## PRODUCT FEATURES

- **Reduced sound transmission.** This is ideal for metal deck roofing to reduce a substantial amount of rain noise and drywall partition systems for rooms and offices in residential, commercial and industrial buildings.
- **Excellent sound absorption.** Provides excellent sound absorption performance by offering a sound absorption coefficient up to 1.00.
- **Thermal performance:** Tested and complies with MS1020 at 20°C mean temperature. BROWNIE® V2 offers a wide range of insulation up to R6.00 to meet the thermal resistance requirement.
- **Fire safety performance:** A non-combustible insulation material tested in accordance with BS476 Fire Tests on Building Materials and Structures.

## PRODUCT CERTIFICATION & COMPLIANCE

- MS1020:2010
- Perakuan Pematuhan Standard (PPS) by CIDB
- BS476:Part 4, BS476:Part 6 & 7
- BOMBA Class "O"
- Certificate of Conformity (CoC) by Singapore Civil Defence Force
- AS/NZS 4859.1:2018
- New Zealand Codemark Certificate

## APPLICABLE GBI CREDITS

<b>NRNC</b>	EE1, EQ4, EQ13, MR2
<b>RNC</b>	EE1, EE2, EQ2, EQ3, EQ6, MR2
<b>INC</b>	EE1, EQ4, EQ14, MR2
<b>NREB</b>	EE1, EQ4, EQ13, MR2
<b>IEB</b>	EE1, EQ4, EQ14, MR2
<b>INTERIORS</b>	EQ2, EQ11, MR2

## COMPANY DETAILS

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