

BROWNIE® FORMALDEHYDE FREE GLASS MINERAL WOOL INSULATION



WHY IS IT GREEN?

- BROWNIE®, the formaldehyde free range of ECOWOOL™ glass mineral wool insulation manufactured by PGF Insulation employs formaldehyde free binder that is free of formaldehyde, phenol or any other artificial chemicals.
- BROWNIE® does not contain any ozone depleting products (ODP) in manufacture and has low volatile organic compounds (VOCs) content.
- Once installed, the high performance insulation acts as fire safety, acoustic and a highly effective barrier to heat flow, keeping your building cool during hot weather and conserving the cool air indoors, reduce energy consumption in buildings, thus reducing CO₂ emission to the atmosphere.
- Manufactured from recycled material, BROWNIE® is manufactured at the Penang manufacturing facility of PGF Insulation and contains 60% locally sourced recycled glass cullet.

PRODUCT FEATURES

- **Reduce Sound Transmission.** Reduce transmission of unwanted air borne noise. This is ideal for metal deck roof to reduce 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 sound absorption coefficient up to 1.00.
- **Thermal Performance:** Tested and complies with ASTM C518 at 20°C mean temperature. BROWNIE® offers a wide range of insulation up to R4.00 to meet the thermal resistance requirement
- **Fire Safety Performance:** A non combustile insulation material tested in accordance with BS476 Fire Tests On Building Materials And Structures

PRODUCT CERTIFICATION & COMPLIANCE

- MS1020:2010
- BS476:Part 4, BS476:Part 6 & BS476:Part 7
- BOMBA Class "O"
- ASTM E84-12c
- ASTM C 665-12, Section 13.8
- ASTM C 1104/C 1104M-00 (Reapproved 2006)
- ASTM C 1338-08
- ASTM C 1304-08

APPLICABLE GBI CREDITS

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

COMPANY DETAILS

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