



Granric MBI

Foil/White bulk Metal Building Insulation

DESCRIPTION

Granric MBI is manufactured from high quality non-combustible flexible Glasswool insulation, with inert binder, which makes the product lightweight, safe and resilient. Granric MBI is faced on one or both sides with either a reinforced Foil, White metalized Foil or Black metalized foil.

FEATURES & BENEFITS

- Lifelong energy savings
- Excellent thermal and acoustic properties
- Maintenance free
- Long product life - will not readily age
- Helps to prevent condensation
- Compression packed - to reduce volume and optimise transport and storage
- Significantly reduces heat loss/gain
- Suitable for high humidity applications
- Made to size to reduce wastage

FIRE PROPERTIES

Foil: The overall classification of this product in terms of the SANS 428 specifications is:

Non-combustible - A*

Class A/ A1/ 1*

White: The overall classification of this product in terms of the SANS 428 specifications is:

Non-combustible - A*

Class A/ A1/ 1*

THERMAL PROPERTIES

Contributes to indoor comfort and lifelong energy savings by reducing heat loss/gain due to the inherent thermal insulation properties.

ENVIRONMENTAL SUSTAINABILITY

Less material, energy and emissions

ODP - zero ozone depleting potential

GWP - zero global warming potential

ACOUSTIC PROPERTIES

Offers exceptional acoustic properties and enhances indoor environmental quality by absorption of noise.

APPLICATIONS

Commercial & Industrial roof insulation:

- Over purlin installation (new buildings)
- Between purlin installation (existing buildings)
- Should not be installed in applications where the facing material is exposed to direct or indirect ultraviolet radiation

DURABILITY

- Odourless, inert and fully compatible with all standard building materials and components
- Will not promote corrosion of steel, copper or aluminium
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic
- Dust settlement will not hamper the products Performance

HANDLING & STORAGE

Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

PHYSICAL PROPERTIES

Thickness	R-values (m ² /K/W)	K-values (W/m.K)	Roll Lengths
50mm	1.28	0.039	8m - 30m
75mm	1.92	0.039	8m - 25m
100mm	2.56	0.039	5m - 20m
135mm	3.46	0.039	5m - 15m

Roll lengths are available in 300 mm increments.

TOOLS NEEDED FOR INSTALLATION

Straining wires, G-clamps, galvanized hoop irons, pop rivets, drill, heavy duty staple gun, 10 mm wire staples.

INSTALLATION INSTRUCTIONS

1. When installing the blanket in new buildings over purlins ensure that the straining wires are placed 300 mm apart.
2. Affix to the roof apex and unroll the blanket longitudinally taking out any slack and attach to the bottom purlin.
3. To join the blankets fold up the overlapping foil edges and staple, fold the join over and staple again.
4. Caution to be exercised when installing in windy conditions.

Brits Nonwoven (Pty) Ltd – Reg. No. 2000/018452/07

124 Escom Road, New Germany, 3610, Kwa-Zulu Natal, South Africa

P.O. Box 1583, New Germany, 3620, Kwa-Zulu Natal, South Africa

Tel: +27 (0) 31 710 7701 | Fax: 031 710 4497

www.brits.co.za

