



## Granric Flexiwool

### Acoustic & Thermal Glasswool Ceiling Insulation

#### DESCRIPTION

Granric Flexiwool Insulation is manufactured from a high quality non-combustible flexible Glasswool with an inert binder which makes the product lightweight, safe and resilient.

#### FEATURES & BENEFITS

- Easy to install due to its light weight
- Energy savings that will last a lifetime
- Excellent acoustic & thermal properties
- Transport & storage is optimised through its compression packaging
- Use & application is user friendly
- When used in combination with already installed ceiling insulation, as a top-up, customers can reach the new building requirements

#### FIRE PROPERTIES

Tested to SANS 10177 Part 5.  
Non-combustible.

#### THERMAL PROPERTIES

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

#### ACOUSTIC PROPERTIES

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

#### APPLICATIONS

Granric Flexiwool can be used in all types of ceilings including residential, retrofit in existing buildings, top up insulation and non-residential.

## ENVIRONMENTAL SUSTAINABILITY

Less material, energy and emissions

ODP - zero ozone depleting potential

GWP - zero global warming potential

## DURABILITY

- Corrosion of steel, copper and aluminium will not be promoted.
- Fully compatible with all standard building materials and components.
- Fungi, mould or bacteria will not breed.
- Inert
- Non-absorbent
- Odourless
- The product's performance will not be hampered by dust settlement.
- Will not sustain pests.

## HANDLING & STORAGE

Product needs to be stored in dry conditions and under cover.

Ensure product is handled with care and do not apply excessive pressure. Take special care not to damage the corners or edges with sharp or heavy objects. Do not stand or sit on the product, as this will cause permanent damage.

## PHYSICAL PROPERTIES

Thickness	R-values (m <sup>2</sup> /K/W)	K-values (W/m.K)	Roll Lengths
50mm	1.29	0.0389	25m
75mm	1.93	0.0389	18m
100mm	2.57	0.0389	12m
135mm	3.47	0.0389	10m

## TOOLS NEEDED FOR INSTALLATION

Wooden plank to prevent damage to the ceiling, tape measure and wood saw.

## INSTALLATION INSTRUCTIONS

1. Use the wooden plank to move around in the ceiling. Do not step onto the ceiling board, as this will damage the board or you may fall through the ceiling.
2. Measure the distance between roof trusses with the measuring tape.
3. Whilst Flexiwool is still in its wrapping cut the product to the measured width with the wood saw, to fit between the trusses.
4. Now roll out the Flexiwool between the roof trusses, onto your ceiling board. Flexiwool should run underneath wiring. To prevent overheating of light fittings, cut around any down lights.
5. To prevent pipes freezing in winter, use off-cuts to wrap around the pipes.

## ARCHITECTURAL SPECIFICATIONS

Installation should be done strictly in accordance with the manufacturer's details and specifications. In a completed roof and ceiling system, install Granric Flexiwool between roof trusses and over branding/purlins.

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