

# SKYROCK® GLASS WOOL INSULATION



## FEATURES & BENEFITS

### High performance slabs for building insulation

- Excellent thermal insulation. Thermal conductivity ( $\lambda$ ) of 0.035 (W/m.K) at 25 °C
- Excellent sound absorption properties
- Effective fire protection. Base fibers are non combustible when tested in accordance with BS 476: Part 4 and ASTM E136
- Lightweight, and easy to install
- Dimensioned to suit studs with 600mm centres
- Low emitting for indoor air quality considerations
- Skyrock® Glass Wool is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria
- Skyrock® Glass Wool has no threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential

## DESCRIPTION

Skyrock® Glass Wool products is a semi-rigid slabs of non-combustible, high absorbent glass mineral wool comply with ASTM C612 type IA & IB.

## INTENDED FOR

- Thermal insulation
- Acoustic insulation
- Fire protection
- Construction industry

## PRODUCT DATA

Property	Skyrock® Glass Wool Insulation
Thermal Conductivity	0.035 W/m.K
Density*	16-100 Kg/m³
Thickness**	40mm-150mm
Reaction to Fire Class	Non-combustible, Euro-class A1. FSI: 25, SD: 50
Thermal Resistance	2.8 (R-16.2)
Shot Contents	≤ 25% from the weight
Water Vapour Sorption	< 1% by weight
Facing	Un-faced
Rigidity	Semi-Rigid
Fungi Resistance	Do not promote fungi growth
Stress Corrosion to Austenitic Stainless Steel	No Cracking observed
Corrosiveness to Steel	No Corrosion

\* Density vary as per the substrate thickness

\*\* Consult USG ME technical team for other thicknesses

## COMPLIANCE

**EN 13501-1:** Fire classification of construction products and building elements

**ASTM E136:** Assessing Combustibility of Materials

**ASTM C518:** Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

**ASTM C303:** Dimensions and Density of Preformed Block and Board-Type Thermal Insulation

**ASTM E84:** Surface Burning Characteristics of Building Materials

**ASTM C1104:** Determining the Water Vapor Sorption of Unfaced Mineral Fiber Insulation

### Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website [usgme.com](https://usgme.com) for the most up-to-date and accurate product information.

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This technical datasheet is intended for global use in regions where USG ME has authorized sales territories.