TECHNICAL DATASHEET

SKYROCK® GLASS WOOL INSULATION

FEATURES & BENEFITS

High performance slabs for building insulation

- Excellent thermal insulation. Thermal conductivity (λ) of 0.035 (W/m.K) at 25 ^{0}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/m^3
Thickness**	19mm-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

USG ME
INNOVATIVE SOLUTIONS. EVERYTIME.