

SKYROCK® STONE WOOL INSULATION



DESCRIPTION

Skyrock® Stone Wool products are made from volcanic rock - a natural material present in large quantities throughout the earth. These raw materials are natural basalt and dolomite coming from regional resources. Complies with ASTM C612 and EN 13162 standard.

INTENDED FOR

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

PRODUCT DATA

Property	Skyrock® Stone Wool Insulation
Thermal Conductivity	0.034 W /m·K
Density*	40-100 Kg/m ³
Thickness**	25mm-60mm
Reaction to Fire Class	Non-combustible, Euro-class A1
Flame Spread Index (FSI)	0
Smoke Development (SD)	0
Specific Thermal Capacity	~ 1 kJ/kg·K
Shot Contents	≤ 25% from the weight
Water Vapour Sorption	< 1% by weight
Water Vapour Diffusion Resistance Factor	~ 1 μ
Facing	Un-faced

* Density vary as per the substrate thickness

** Consult USG ME technical team for other thicknesses

COMPLIANCE

EN 823: Thermal insulating products for building applications

EN 1602: Thermal insulating products for building applications

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

BS EN 12667: Thermal performance of building materials and products

EN 12086: Thermal insulating products for building applications

BS EN ISO 10456: Building materials and products. Hygrothermal properties

ASTM E84: Surface Burning Characteristics of Building Materials

ASTM E136: Assessing Combustibility of Materials

ASTM C612: Standard Specification for Mineral Fiber Block and Board Thermal Insulation

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 C177: Steady-State Heat Flux Measurements and Thermal Transmission Properties

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

Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.

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