

RW – Insulation

ROCKWOOL



Description

Rock Wool is a stable insulation material manufactured from various types of diabase rock, mainly basalt of specific predetermined chemical compositions, which is melted at super high temperature in a technically advanced but simple process. The resulting natural silicate is drum spun at very high speeds to produce 'hair-fine' inert fibers that are bonded together with a special thermosetting resin and impregnated with special additives.

Basic Uses

Rockwool insulation is used for interior walls, linings and ceilings in all buildings categories applications to improve acoustic, thermal and fire performance. It can be used for new construction or renovations steel framing.

Advantages

Rock based wool insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Therefore, carefully inspect any insulation that has been exposed to water. If it shows any sign of mold growth it must be discarded. If the material is wet and does not show any sign of mold growth, it should be dried rapidly and thoroughly.

Caution

Glass mineral wool may cause temporary skin irritation. Wear long-sleeved, loose-fitting clothing, head covering, gloves and eye protection when handling.

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Technical Data

Thickness 25mm, 50mm, 75mm and 100mm
Density 30kg/m³, 40kg/m³, 48kg/m³, 60kg/m³ & 75kg/m³

Material Rock reinforced Mineral Wool

Specification Compliance BS 874 : 1986- For Thermal Conductivity

Surface Burning Characteristics Non Combustability BS 476: (parts 4) for fire

Size 0.6m x 1.2m Slab