



Roof
Ceiling
Partition

Thermal and Sound Insulation



Rock Mineral Wool Panels

Product Catalogue

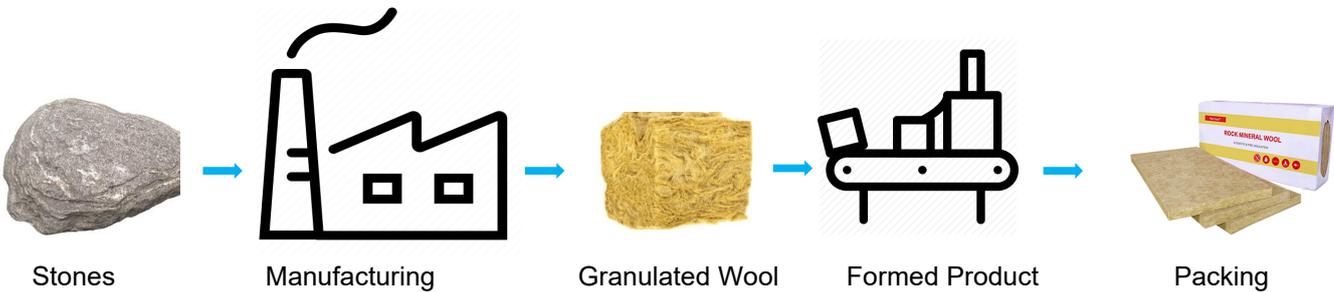
Red moat © Proactive Fire Protection Systems

Red moat®



Rock Mineral Wool

MANUFACTURING PROCESSES



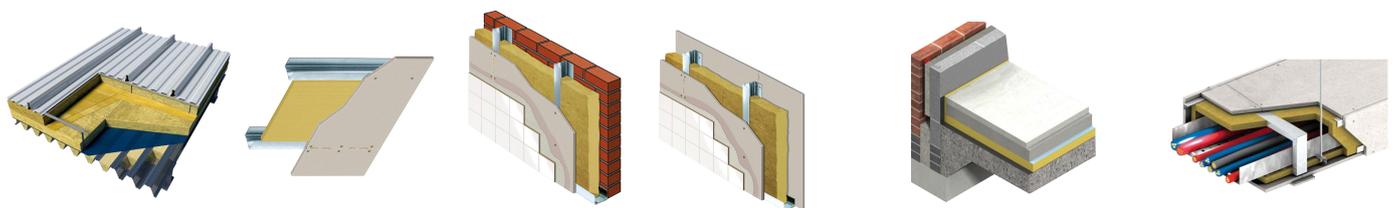
DESCRIPTION

Rock mineral wool is made from inorganic stone that is spun into a fibre-like structure and which creates a durable and highly insulating product. The product contains no organic substance, therefore it's vermin and fungi resistance. And no CRCS, HFCs and HCFCS are used in the production.

Rock mineral wool is used in a wide range of applications from thermal and acoustic insulation and fire protection. Rock mineral wool insulates almost all types of buildings and constructions including residential, commercial or public.

APPLICATIONS

Red moat® rock mineral wool is a rigid rock mineral wool panels with a high-performance in thermal and sound insulation which is designed for steel stud wall and floor applications and can be used for roofs, ceilings, walls, drywall partitions and E&M services enclosures.



Roof

Ceiling

Wall

Partition

Floor

E&M Services Enclosure

Rock Mineral Wool

CHARACTERISTICS

- Superior Heat Insulation and Preservation Performance
- Excellent Fireproofing Performance
- Superior Water Repellent Performance
- Dimensional Stability
- Superior Weather Resistance
- Excellent Sound Absorption and Insulation
- Energy Saving
- Easy Installation



DIMENSIONS

Length x Width(mm)	Thickness(mm)	Density(kg/m ³)
1200x600	25-100	50-160

PROPERTIES

Test Item	Unit	Performance	Standards
Dimensional Stability	%	≤1	EN 13162 & EN 1604
Reaction to Fire	-	Non-combustible	BS 476-4 & EN 13501
Fire propagation	-	0.09	BS 476-6
Surface spread of flame	-	Class 1	BS 476-7
Compressive Strength (vertical to the surface)	kPa	≥5	EN 13162 & EN826
Thermal Conductivity Coefficient	w/(mk)	≤0.039	EN 13162 & EN12667
Short-term Water Absorption	Kg/m ²	≤1	EN1609
Water Vapor Permanence	g/(m ² s.Pa)	2.5x10 ⁻⁶	EN 1208 & 13162
Executive Standards			EN 13162

PACKAGING

Packaged by polyethylene shrink film. During the transportation and storage, Red moat® rock mineral wool must be protected and should be kept in dry, ventilated place.

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