

We use only natural, carefully selected raw materials from proven suppliers to produce our stone mineral wool.

Natural and environmentally friendly!

We use only natural, carefully selected raw materials from proven suppliers to produce our stone mineral wool. The basic materials used for production are gabbro and basalt – volcanic rocks whose properties add to unique fire resistance as well as excellent thermal and acoustic insulating characteristics of the stone mineral wool. This way we create a product with exceptional parameters and versatile application. COVEROCK stone mineral wool as a natural product is resistant to atmospheric factors, which guarantees maintaining its insulating properties and remaining intact during many years of its life.

The use of natural raw materials makes the stone mineral wool a natural and environmentally friendly product.

Warm and comfortable!

COVEROCK stone mineral wool is a product with excellent thermal insulating properties. The thermal conductivity coefficient is the basic parameter identifying the product quality. The lower its value, the better the thermal insulation of the products.

Stone mineral wool as a thermal insulation material perfectly fulfils its basic role – it ensures maximum thermal insulation of buildings. This means it also maintains appropriate temperature indoors. In summer it prevents excess heating and in winter protects against low temperatures.

Quiet and safe!

Stone mineral wool products have the highest fire resistance class A1 (Our wool is produced based on the harmonised standard EN13501 A1s0d0), which makes them completely non-combustible and perfect as fire protection insulation. When a fire hazard occurs, mineral stone wool acts as a protection that retards fire spreading. Moreover, in direct contact with flames it does not generate harmful smoke or burning droplets, which facilitates taking correct fire-fighting measures.

Stone mineral wool is the only natural sound insulation with unique sound absorbing and attenuating properties. They make the insulated areas quiet and calm. Sound insulation contributes to an efficient noise reduction.

Certifications



For more information about Coverock products or if you are interested in using it on one of your projects, please get in touch with our Coverock team who will be happy to assist or visit our website: www.coverock.co.uk.



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COVEROCK INSULATION

Non-combustible,
Thermal and Acoustic Insulation Boards
Natural and environmentally friendly!



Rainscreen Cladding & Throughwall Application

Coverock-V

Coverock-V is our flagship product – stone mineral wool slabs designed for internal and external thermal, acoustic, and fire insulation in buildings provide reliable protection against heat loss, noise pollution, and fire hazards.

Specifically tailored for the rainscreen cladding market, Coverock-V features a black glass veil that helps to create a more subtle surface appearance when the insulation is visible through gaps in the cladding system.

Additionally, the veil helps to increase windproof resistance at the face, providing enhanced durability and protection against the elements. Coverock-V is classified as an A1 non-combustible material, making it a safe and dependable choice for a wide range of insulation needs.



- Excellent acoustic insulation for buildings, reducing noise transmission and creating a peaceful environment.
- Available in a wide range of thicknesses from 60mm to 250mm, offering flexibility in building design.
- Compact structure of the fibres allows the boards to be cut to any size during construction works without the board structure being damaged.

Product features & benefits

Our product is made from carefully selected natural volcanic rock, which makes Coverock V a product that offers exceptional durability against weather conditions and moreover

- Dimensionally stable, ensuring continuous insulation performance over time.
- Outstanding thermal insulation with a lambda value of 0.035 W/mK, providing excellent energy efficiency.
- Hydrophobic properties, resisting moisture absorption and maintaining insulation performance in wet conditions.



SPECIFICATIONS (COVEROCK - V):

Product code: COVEROCK V MW-EN13162-T5-DS(70.90)-CS(10)10-TR5-WS- WL(P)-MUI

Certificate complies with: CE, BDA, UKCA

Compliance: EN 13162:2012+A1:2015

Reaction to fire: A1 Euroclass (PN-EN 13501-1:2019-02)

Declared thermal conductivity coefficient: $\lambda_D = 0,035 \text{ W/m} \cdot \text{K}$

Class of thickness tolerance: T5

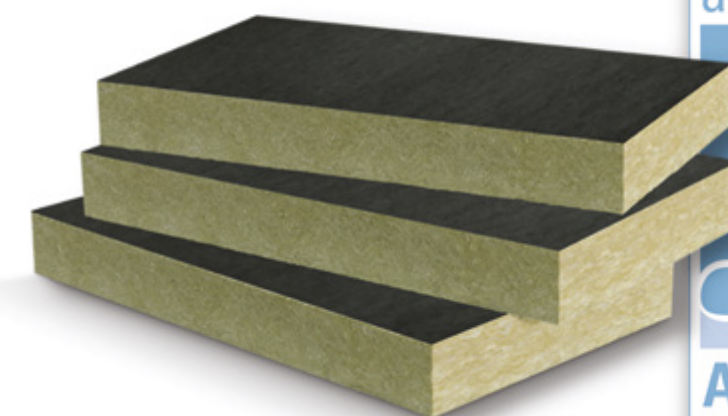
Short water absorption: $WS \leq 1,0 \text{ [kg/m}^2\text{]}$

Compressive stress at 10 % deformation: $CS \geq 10 \text{ [kPa]}$

Density: 60kg/m³

Tensile strength perpendicular to faces: $TR \geq 5 \text{m [kPa]}$

Available thicknesses in mm: 60-250 mm



External Wall Insulation (EWI) systems

Coverock-R

Coverock R offers two versions: R90 and R110. These products are specially designed for external building facades using the widely adopted "lightly wet" method, known as ETICS (External Thermal Insulation Composite System). Our product meets the requirements outlined in the EN13621:2012+A1:2015 standard, ensuring compliance and superior performance.

- Enhanced Acoustic Insulation: Compared to other insulation materials, Coverock R significantly improves the acoustic insulation of buildings, creating a tranquil and productive environment inside. Ideal for urban buildings in bustling areas.
- Sustainable Solution: Coverock R is made from natural rock materials, making it an eco-friendly choice for insulation. Contribute to a greener future while enjoying the benefits of superior performance.

Product features & benefits

- Premium Quality: Our Coverock R is crafted from meticulously selected rock materials, ensuring a product of unparalleled quality.
- Impressive Thermal Performance: With a low lambda value of 0.035, our rock wool board offers exceptional thermal insulation, enhancing energy efficiency and reducing heating and cooling costs.
- Dimensional Stability: The superior dimensional stability of Coverock R guarantees a precise fit, enhancing work comfort and ensuring impeccable facade execution.
- Moisture Management: Our product is vapor-permeable, allowing for effective moisture elimination within the building. Say goodbye to dampness, mould, and decaying walls.
- Natural Fire Protection: Coverock R is non-combustible and complies with the highest European fire reaction class, A1. Enjoy peace of mind knowing your building is safeguarded against fire hazards.



SPECIFICATIONS (COVEROCK R90/R110): Certificate complies with: CE, UKCA

Compliance: EN 13162:2012+A1:2015

Reaction to fire: A1 Euroclass (PN-EN 13501-1:2019-02)

Declared thermal conductivity coefficient: $\lambda_D = 0,035 \text{ W/m} \cdot \text{K}$

Compressive stress at 10 % deformation:

R90 - $CS \geq 20 \text{ kPa}$ (d = 30-99mm), **R110** - $CS \geq 30 \text{ kPa}$ (d = 20-49 mm)

R90 - $CS \geq 30 \text{ kPa}$ (d = 100-220 mm), **R110** - $CS \geq 30 \text{ kPa}$ (d = 50-99 mm)

R90 - $CS \geq 20 \text{ kPa}$ (d = 221-250 mm), **R110** - $CS \geq 40 \text{ kPa}$ (d = 100-190 mm)

Density: 90 kg /m³ & 110kg/m³

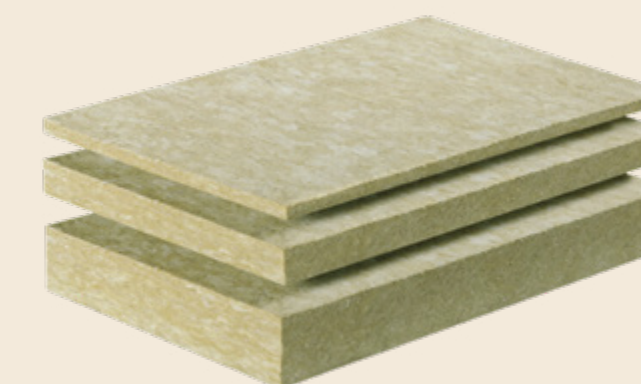
Tensile strength perpendicular to faces:

R90 - $TR \geq 10 \text{ kPa}$, **R110** - $TR \geq 10 \text{ kPa}$ (d = 20-49mm),

R110 - $TR \geq 15 \text{ kPa}$ (d = 50-190mm)

Available thicknesses in mm:

R90: 30-250 mm, **R110:** 20-190mm



Applications

- Exterior and interior stud walls (wood and metal framework)
- External and partition walls insulated by ETICS system
- Floors above garages, passages and basements
- External monolithic, prefabricated and brick walls
- Fire insulation of attics (reaction to fire classification A1)



We are committed to helping the environment by reducing energy consumption and CO2 emissions by incorporating our Coverock R slab in the build, which is renewable and eco-friendly.