



Thermal Insulation Roll

A mid-density insulation designed for use in lofts

ROCKWOOL Thermal Insulation Roll has been designed to maximise home energy efficiency by reducing heat transfer through the roof. Thermal Roll has the effect of both helping to reduce heating bills and improving home comfort, helping keep occupants warmer in the winter and cooler in the summer.

Thermal Insulation Roll also provides several additional benefits. Being made from volcanic rock means ROCKWOOL insulation is non-combustible and able to withstand temperatures of up to 1,000°C.

ROCKWOOL insulation also enhances home comfort as it absorbs sound and reduces sound vibrations. The density, non-directional fibre orientation, and its open porous structure trap sound waves and prevent them from traveling through it.

- Keeps homes warm in the winter and cool in the summer
- Non-combustible - Euroclass A1 classification as defined in EN 13501-1
- Absorbs sound and reduces sound vibrations
- Quick and easy to install
- Durability – will not sag or slump, maintains performance over time



ROCKWOOL Thermal Insulation Roll is designed to increase home comfort and save energy, by insulating one of the most cost-effective areas; the loft.

Keeping the heat in during the winter, and out in the summer. Thermal Insulation Roll can be used to insulate from scratch or be used as a top up in older homes.

Thermal Insulation Roll

APPLICATIONS

Designed for use in horizontal loft applications, the "Twin Roll" feature of ROCKWOOL Thermal Insulation Roll means it is pre-split at 100mm and 200mm thicknesses, for quick and easy installation. 100mm thickness for laying between the joists, and additional thicknesses cross layered over the top of the joists.



Thermal Insulation Roll laid at 100mm thickness in between the joists

Thermal Insulation Roll crossed laid over the top of the joists at 200mm thickness

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PERFORMANCE

U-values

To maximise performance, Thermal Insulation Roll should be cross-layered between and over the ceiling joists, with all joints closely butted, to reduce thermal bridging and eliminate performance reducing gaps.

U-value (W/m ² K)	Between joists (mm)	Over joists (cross laid) (mm)	Total thickness (mm)
0.14	100	200	300
0.11	100	300	400
0.09	100	400	500

Durability

ROCKWOOL stone wool is durable by nature. Sample testing from existing buildings shows that ROCKWOOL stone wool retains its performance for at least 65 years* without being affected by compression or temperature and humidity changes.

*FIW, Durability Project Mineral Wool (2016)

Water repellence and vapour resistivity

ROCKWOOL stone wool insulation allows the construction to breathe, reducing the risk of condensation, which can lead to rot, mould and humidity damage.

INSTALLATION

The product must be installed in accordance with the current ROCKWOOL guidelines.

For further information please visit www.rockwool.com/uk or contact our Technical Solutions Team on 01656 868490.

Thermal Insulation Roll

BUILDING SAFETY AND PRODUCT USE

LEGAL NOTICES

General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law or other developments affecting the accuracy of the information contained in our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

The ROCKWOOL Trademark

ROCKWOOL® - our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:
marketcom@rockwool.com

Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

ROCKWOOL®, RockClose®, RainScreen Duo Slab®, HardRock®, RockFloor®, Flexi®, RockFall®, FirePro®, DuctRock®, BeamClad®, NyRock®

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If you require permission to use ROCKWOOL images, you must apply for a Usage Agreement.

To apply, write to:
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ROCKWOOL stone wool - safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL-UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded [here](#).



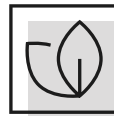
Sustainability

ROCKWOOL products are used to enrich modern living, creating safer, healthier and more climate-resilient communities.

We transform abundant, natural volcanic rock into stone wool insulation products that are used to reduce energy demand, lower fuel bills and help address society's climate change challenges.

ROCKWOOL stone wool insulation is recyclable and can be transformed into new ROCKWOOL products. Please contact us for details of how we can work together to recycle waste ROCKWOOL stone wool material that may be generated during on-site installation.

Our annual sustainability reports, which set out progress against our sustainability goals, and further details of the positive impacts of using our products can be found on our website.



Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

ROCKWOOL stone wool insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

