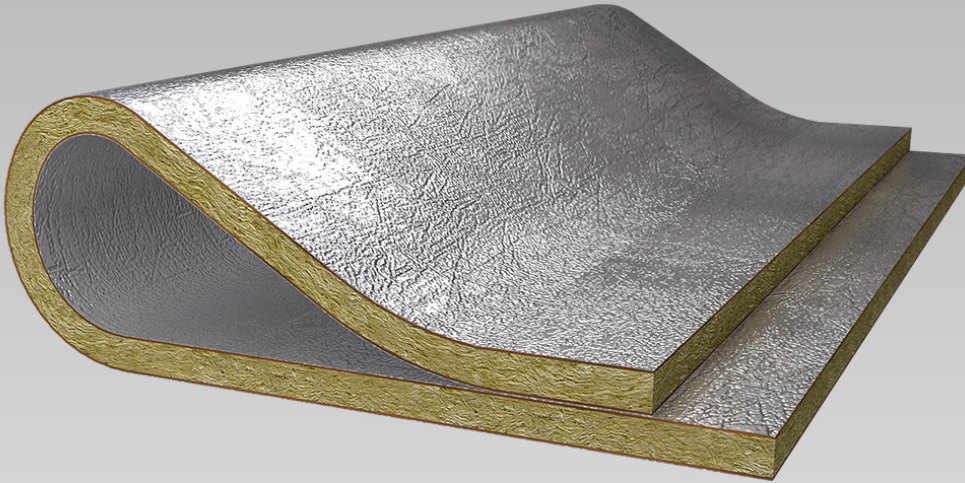


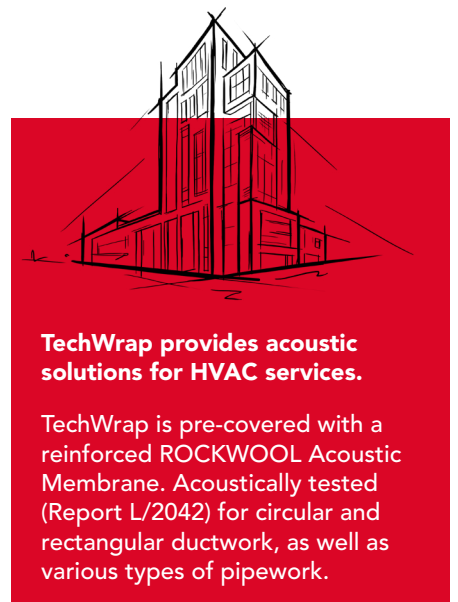


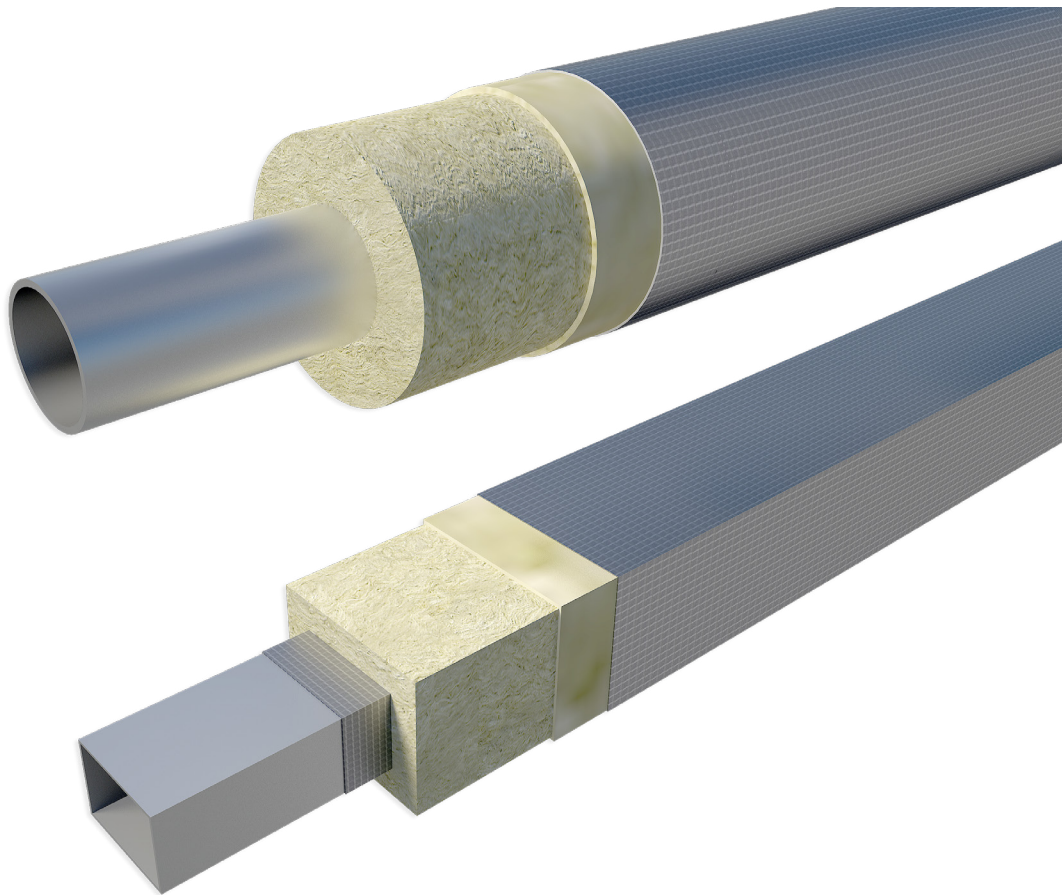
TechWrap

Acoustic solution for HVAC services.

ROCKWOOL TechWrap is constructed from strips (lamella) of ROCKWOOL bonded on edge to ROCKWOOL Acoustic Membrane: Reinforced aluminium foil (inner) / ROCKWOOL lamella acoustic insulation / ROCKWOOL Acoustic Membrane / Reinforced aluminium foil (outer).

- Thickness is maintained at corners, bends, and fixing locations to maintain acoustic performance.
- Single application of materials.





APPLICATIONS

TechWrap is designed for installation around building services and HVAC equipment to reduce noise.

Typical applications include:

- Ventilation ducts.
- Pipework.

PERFORMANCE

Service temperature and limiting service temperature

TechWrap can be used to provide thermal and acoustic insulation to HVAC services operating at temperatures in the range 0°C to 230°C. The outer facing temperatures should not exceed 80°C. At temperatures below ambient, the foil facing must be continued onto the pipe surface in order to maintain the vapour barrier.

Test programme and results

TechWrap has been independently tested at the Acoustical Investigation & Research Organisation (AIRO) laboratory (Report L/2042).

Durability

Tests of our stone wool recovered from old buildings have shown that it retains its performance characteristics – thermal, mechanical, fire resistance – for at least 50 years, and probably longer. A test of a 65-year-old stone wool sample found in 2023 during a renovation of Copenhagen airport showed that these characteristics had not diminished after 65 years.*

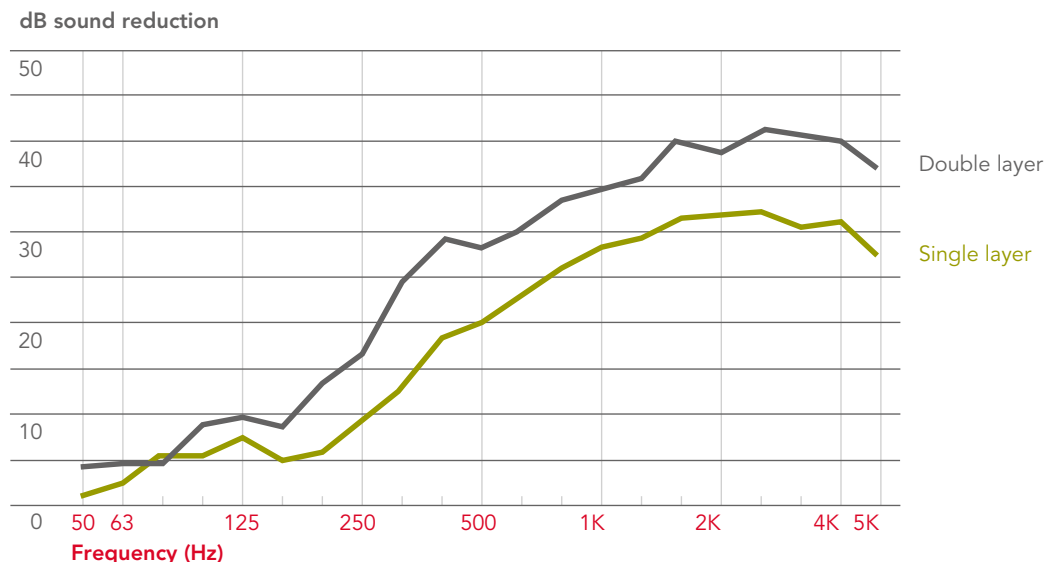
**Testing done at Danish Technical Institute (DTI) in 2023, "Testing ROCKWOOL insulation from CPH airport hangar 4".*

PRODUCT INFORMATION

Property	Dimension
Length	1200mm
Width	1000mm
Thicknesses	25mm, 50mm
Mass layer	5kg/m ²

TechWrap 25mm dB improvements

dB improvements through 0.8mm steel duct for single and double layers of TechWrap:



The test programme conducted at AIRO (Report L/2042) was designed to indicate as closely as possible the true-to-life acoustic performance of TechWrap when applied to ductwork. TechWrap was installed in-situ on a 6 metre length of 60mm x 1000mm duct. As expected, sound leakage was noted at inaccessible duct bearer locations during the test. As with other likely on-site irregularities, this leakage may not have been adequately represented by a more simple flat panel test. To show the actual improvements provided by TechWrap, the noise reduction provided by the original 'untreated' duct is excluded from the above graph. The weighted sound reduction for a single layer of TechWrap is 30dB; double layer 36dB.

HANDLING

TechWrap can be cut to shape with an insulation knife.

INSTALLATION

General

Acoustic Membrane should be positioned outermost from the sound source and overlapped at all joints.

TechWrap

TechWrap should be cut 25mm oversize, and a 25mm strip of ROCKWOOL should be removed to create an overlap. All cutting operations can be completed using an insulation knife.

75mm wide plain aluminium foil self-adhesive tape should be used to seal the joints (Idenden type T303, or similar and approved).

Fixings

Welded steel pins should be used to fix TechWrap to the duct. However, subject to the manufacturer's approval, adhesive-applied insulation hangers may be used in place of welded pins (check with the manufacturer regarding self-adhesive pins). Particular attention should be paid to the support of TechWrap at joint locations and where sagging may occur, e.g. in 'soffit' areas. The number of pins required will depend on the size and orientation of the duct. However, where pins are employed at TechWrap edges, four pins are recommended at 1000mm edges and five pins at 1200mm edges. Additional 'lines' of pins should be at nominal 300mm spacings. Where a vapour barrier is required, support pins and hangers, which penetrate the foil, should be sealed using aluminium tape.

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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To apply, write to:
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HEALTH & SAFETY

A Material Safety Data Sheet is available and can be downloaded from rockwool.com/uk to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

Company:	ROCKWOOL Limited
Version:	Version 2.01 February 2026 (to check this is the latest version, please refer to rockwool.com/uk)
Revised on:	29.01.2026
Product name:	TechWrap
Replaces version:	Version 2.00 March 2025
Changes made:	• Updated version control information • Updated images • Updated durability information
Additional information:	

Please ensure you are using the latest version of this document by verifying it on our official website. Do not rely on printed or previously downloaded copies, as these may be out of date.

Please contact the ROCKWOOL Technical Support Team if you would like to access archived versions of this document.

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](#).



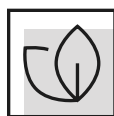
Sustainability

ROCKWOOL products are used to help enrich modern living, supporting more resilient and comfortable buildings.

We transform abundant, natural volcanic rock into stone wool insulation products that help our customers tackle energy consumption, noise pollution, fire resilience, and climate change challenges such as water scarcity and flooding.

Since our stone wool is endlessly recyclable with no loss in its performance properties, we can take back clean, uncontaminated new off-cuts, and unused ROCKWOOL stone wool insulation from construction sites in the UK. Our service, Rockcycle®, takes back our stone wool and recycles it back into production where it is used to make new ROCKWOOL products.

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).

