

ROCKWOOL

Thermalrock

Installation Guideline

Prior to commencing installation, it is imperative to review these instructions in conjunction with all relevant local, state and/or federal building regulations.

Typical installation method for flat roof application

1. Place ROCKWOOL stone wool insulation over clean, dry sheet metal ducts.
2. Ensure that all sheet metal joints and seams are sealed to prevent air leakage from the duct.

Thermalrock slab

Thermalrock slab is to be secured to the ducting by means of a suitable adhesive and/or self-adhesive stick pins, applied in accordance with the manufacturer's recommendations. For unfaced duct wrap liner Thermalrock slab, wrap the insulation with the aluminium foil or other cladding. All joints are to be securely taped with 75mm wide plain soft aluminium foil self-adhesive tape to maintain a continuous vapour barrier.

Thermalrock blanket

Wrap the duct with the blanket insulation. For Thermalrock blanket with laminated foil, the insulation is installed with facing away from the duct surface. All joint need to be firmly butt jointed. For unfaced duct wrap liner Thermalrock blanket, wrap the insulation with the aluminium foil or other cladding and secure by means of a suitable adhesive. All joints are to be securely taped with 75mm wide plain soft aluminium foil self-adhesive tape to maintain a continuous vapour barrier.

Note: The pins and washers are necessary to avoid sagging of the insulation, particularly on larger size ducts and on the undersides of ducts. Fixing centres will depend on the size of the duct and the weight of the insulating material. The excess projection of the pins above the washers should be cut off and the washer sealed using the soft aluminium self-adhesive tape to maintain the integrity of the vapour barrier.

(Guidance should be sought from the manufacturer of the stick pins).

Workmanship

1. ROCKWOOL stone wool insulation board products are to be stored and laid strictly in accordance with the ROCKWOOL Standard Guideline for Handling, Transporting, Shipping, Storage and Application of ROCKWOOL Stone Wool Insulation Material.
2. Install ROCKWOOL stone wool insulation boards to the thickness specified. Avoid compression of the insulation wherever possible.
3. Do not step onto the insulation boards as it will damage the fibre structure.

4. It is a good construction practice to wear PPE during installation of the insulation. Approved protective respirators shall be worn when working in confined areas. Gloves and long sleeve shirt shall be worn when installing insulation materials.
5. Additional details are available in Standard Guideline for Handling, Transporting, Shipping, Storage and Application of ROCKWOOL Stone Wool Insulation Material.

Limitation

1. ROCKWOOL Stone Wool Insulation must be kept clean and dry during transport, storage and installation.
2. ROCKWOOL Stone Wool Insulation should not be crushed, folded or compressed.

Health & Safety

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin
When working in
unventilated area wear
disposable face mask.



Clean area using
vacuum equipment.



Waste should be
disposed of according
to local regulations.



Rinse in cold water
before washing.



Ventilate working
area if possible.



Wear goggles
when working
overhead.

This product is not subject to a warning or a ban issued under section 26 of the Building Act 2004.

Disclaimer: All information contained herein is solely based upon the generic installation and workmanship which may change based on situation in hand. It is the responsibility of the user to confirm the adequacy and accuracy of the information supplied. ROCKWOOL makes no representations nor gives any warranties of any kind as to the accuracy or completeness of the information as provided herein. Customer is requested to check with the installation team as well as local ROCKWOOL representative for further information if needed.