

# ROCKWOOL

## Cool 'n' Comfort

### Installation Guideline

Prior to commencing installation, it is imperative to review these instructions in conjunction with local standards AS 3999 or NZS 4246, as well as all relevant local, state and/or federal building regulations.

#### Typical installation method for metal roof application

1. The roof must be thoroughly prepared before starting insulation installation. This means that the roof covering and the ventilation channel are all in place.
2. External metal sheet as well as ROCKWOOL Cool 'n' Comfort insulation material should be installed along with wooden or steel battens as per manufacturer's instruction. While using Cement board as part of the system, proper load calculation should be taken care of along with fastening method.
3. The thickness of the ROCKWOOL Cool 'n' Comfort insulating layers always depends on the particular location, specification, R value of complete system, structure of the roof, as well as the building codes and standards.
4. When installing ROCKWOOL Cool 'n' Comfort insulation, care shall be taken to ensure that the insulation material is of the proper width, fits tightly around these obstructions, and that there are no gaps in the insulation.
5. Installations of the ROCKWOOL Cool 'n' Comfort insulation are to be butt jointed and friction fitted between roofing supports. Using of insulation off-cuts as gaps infill between insulation blankets shall be avoided.
6. Unroll the insulation across the purlins towards the interior. Keep tension on the insulation to prevent excessive drape or large voids around and under the insulation. Avoid compression of the insulation whenever possible.
7. Apply fastener as per roofing manufacturer recommendations.
8. For any penetration through roof, appropriate flashing material should be installed to provide a rigid and secure connection without the risk of thread stripping which could lead to water ingress and/or flashing detachment.

#### 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 insulation to the thickness specified. Avoid compression of the insulation wherever possible.
3. Do not step onto the insulation product as it will damage the fibre structure. At all times, use a walking platform that has been laid on the purlins so that the insulation materials are not damaged.
4. Install only as much insulation as can be covered and completed before the end of the day's work or before the onset of inclement weather. Large areas of insulation without any roof covering should be avoided.

5. It is a good construction practice to wear PPE during installation of the ROCKWOOL Insulation. Approved protective respirators shall be worn when working.
6. 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.