# IMPORTANT

# HANDLING AND STORAGE INSTRUCTIONS

## Handling and Storage

Appropriate handling and storage of profiled metal roofing and cladding, translucent and transparent roofing products plus roofing accessories, is important in order to prevent damage which in turn will limit performance once installed. The following guidelines should be strictly followed in order to ensure the project is completed satisfactorily and meets product warranty conditions.

## Acceptance of Materials

- Visually inspect and physically count the materials on arrival at site to ensure they are in a damage-free condition and nothing is missing. If there are any discrepancies, contact Roofing Industries staff prior to storage or installation of the products.
- Check that all delivered materials correspond with the order and particular care should be taken to ensure materials meet the durability requirements of the NZ Building Code, location and environmental conditions for which they are to be installed. If there are any discrepancies, contact Roofing Industries staff prior to storage or installation of the products.

## Unloading Materials

- Do not use a trailer or truck tip-tray/deck to slide the materials onto the ground.
- Do not drag sheets across each other, or over rough surfaces such as the ground, purlins, roof edges etc. which is likely to cause degradation of product surfaces. It is advisable to “peel and lift” the sheets off the bundle rather than slide.
- Handle roofing products with care at all times. Products longer than 3.0m should be handled by two persons and carried on their edge to avoid buckling.
- Where necessary to comply with Health and Safety requirements or to prevent damage to the pack, use non-damaged nylon slings or strops in association with load tested spreader bars and tag lines to prevent damage to the edges of sheets.

## On Site Storage

- Ensure sheeting and roof accessories do not come into contact with dirt, cement, concrete, lime, mortar, fertiliser, chemicals and other substances which may be detrimental to the product.
- Stored sheeting, whether at ground level or on the roof is susceptible to wind damage, and care should be taken to ensure products are secure. It is advisable to store the sheeting so that it is clear of vehicle damage and available in the order it will be installed.
- Store sheets under a water-resistant cover, clear of the ground and provide adequate air flow around the bundle. Evenly position the sheeting on untreated dunnage spaced evenly at not more than 900mm apart, to prevent deformation. Packs should be no greater than 1.0m high and on a slight incline to allow water runoff.
- It is important that bulk insulation products are kept dry at all times, as moisture will affect the insulation value and can cause premature metal and timber degradation. Any Insulation products that do become wet are to be replaced immediately.
- Although it is not advisable to walk on packs of sheeting, where this is unavoidable soft flat soled shoes free of dirt and grime must be worn. Particular care needs to be taken to walk close to dunnage lines.

© Roofing Industries, August 2025.

## Presence of Moisture Between Sheets

- If sheeting has become wet during transportation or whilst in storage, to prevent surface degradation or staining it must be dried by filleting or cross stacking to ensure air circulation between the sheets. Any sheeting which has been wet in storage for greater than 3 days is not to be used and must be replaced.

## Translucent, Transparent Roofing and Rooflights

- All roof lights, transparent and translucent roofing irrespective of type should be handled and stacked with care as film surfaces are easily scratched, and heavy stacks can damage lower sheets. All roof lights should be stored flat, the correct way up as indicated by label or inkjet printing and on 75mm wide battens not more than 1.2m apart. Stacks should not be higher than 1.0m and should be covered and protected from sun and rain. Thermoplastic sheets can overheat and deform in a stack, and exposed stacks can permanently discolour from the actions of sun and water.
- If moisture becomes trapped between the sheeting, immediate filleting of the sheets must be undertaken to allow thorough drying of both surfaces of each sheet. Failure to do so will cause staining of the sheets to occur, thereby voiding the warranty.

## Strippable Protection Film

- If sheeting is protected by strippable film, exposure to sunlight or ultraviolet radiation must be prevented by storing under cover until such time the product is installed, with the film being removed immediately after installation. It is sound practice to remove the protection film from under laps, fasteners and flashings prior to installation as this may not be possible afterwards.

## Roof Loading

- Where necessary to comply with Health and Safety requirements or to prevent damage to the pack, use non-damaged nylon slings or strops in association with load tested spreader bars and tag lines to prevent damage to the edges of sheets.
- Bundles must be placed adjacent to the portal frame and not at midspan of the purlins. Bundles must also be placed so that their weight is spread over several purlins and should be positioned with the laps in the direction of laying.
- Take particular care with long length flashings and rainwater goods so that wind and load stress damage does not occur.

## Walking on the Roof Structure and Roofing

- Do not assume that it is safe or permissible to stand on any roof structure or roof cladding material. Refer to the point load information contained in the load span graphs in the product literature. Walk along purlin lines or within 300mm of purlins lines at all times with feet placed in the profile pan or for narrow profile pans spread foot loading over at least two profile ribs. Where this is not possible, walk planks should be provided and used. Take particular care when walking on aluminium and light gauge roofing which is more susceptible to foot traffic damage.
- **Do not walk on translucent/transparent roof sheeting**. Where it is necessary to use the roof as a regular access way, specifically constructed walkways compatible with the roof cladding must be provided.

**Note:** This literature is to be read in conjunction with the NZ Metal Roof and Wall Cladding Code of Practice. A copy of the manufacturer's product literature is to be read thoroughly on product order. Failure to accurately follow instructions will lead to voiding the warranty.

For further information please call our technical helpline **0800 844 822** or email technical@roof.co.nz

**www.roof.co.nz**

© Roofing Industries, August 2025.