



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. 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. Sheets longer than 3.0m should be handled by two persons, and carried on edge to avoid buckling.

- Where necessary to comply with Health and Safety requirements or to prevent damage to the pack, nylon slings or strops in association with a load tested spreader bar and tag lines should be used to prevent damage to the edges of sheet.

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 possible vehicle damage and available in the order it will be installed,
- Store sheets under a water resistant cover, clear of the ground and providing adequate air flow around the bundle. Evenly position the sheeting on untreated dunnage spaced evenly at (maximum 0.900m) to prevent deformation. Packs should be no greater than 1000mm 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 should be replaced immediately
- Although it is not advisable to walk on packs of sheeting, in some cases this is totally unavoidable , if this is the case only soft , flat sole shoes free of dirt and grime must be worn, and particular care taken to walk in the vicinity of the dunnage-line

Presence of moisture between sheets

- If sheeting has become wet during transportation or whilst in storage, it must be dried by filleting or cross stacking to ensure air circulation between the sheets. If sheeting has been wet in storage for a period greater than 3 days, they should not be used

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 1000mm, and should be covered and protected from rain and sun. Thermoplastic sheets can overheat and deform in a stack, and exposed stacks can permanently discolour, due to action of sun and water. If moisture becomes trapped between the sheeting immediate filleting of sheeting must be undertaken to allow thorough drying of both surfaces of each sheet. Failure to do so will ensure staining of the sheet and voiding of warranty

Strippable protection film

- If sheeting is protected by strippable film, exposure to sunlight or ultra violet must be prevented until such time the product is installed with the film being removed immediately after installation. It is sound practice to remove the protection film such as under laps, fasteners, and flashings prior to installation as this may be impossible later

Roof Loading

- Where necessary to comply with Health and Safety requirements or to prevent damage to the pack, nylon slings or strops in association with a load tested spreader bar and tag lines should be used to prevent damage, particularly to the edges of sheet packs. Bundles must be placed adjacent to the portal frame and not mid span on the purlins. Bundles must be placed so that their weight is spread over the entire area of the roof 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 walk no further than 300mm from the purlin-line at all times with the feet placed in the pan except where profile prohibits this in which case spread loading over at least 2 ribs. If this is not possible walk planks should be provided and used. Take particular care when walking on Aluminium and light gauge roofing. Do not walk on translucent/transparent roof sheeting. Where it is necessary to use the roof as a regular access way, specifically constructed walkways which are compatible with the roof cladding must be provided.

Note:

- This literature should be read in conjunction with the NZ Metal Roof and Wall Cladding Code of Practice. A copy of the manufacturer's product literature should be read thoroughly on ordering of the product(s). Any failure to accurately follow instructions will lead to immediate voiding of any warranty

For further information please call our technical helpline **0800 844 822**. E: office@roof.co.nz

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