

Installation Guide



MARINE GRADE ALUMINIUM

COLORSTEEL ALTIMATE® combines a marine grade aluminium substrate with the proven paint technology of COLORSTEEL®.

Designed for superior corrosion protection, Altimate® is the ideal roofing and cladding solution for New Zealand's extreme conditions.

The aluminium substrate delivers exceptional resistance to corrosion, while the COLORSTEEL® paint system offers further protection and the premium finish we have all come to know and love.

COMPATIBILITY

- Altimate® is compatible with Zinalume® and galvanised products, but care should be taken to avoid contact with the steel substrate of these products. In severe conditions, the accelerated corrosion of metallic coatings may result in unwanted contact with the steel substrate. Separating materials and/or using materials with equivalent corrosion performance should be considered when used in aggressive environments.
- Altimate® should be separated from iron, steel, concrete and timber to avoid accelerated corrosion or discoloration. Wet contact with stainless steel should also be avoided. A strip of DPC or other non-absorbent, non-conductive membrane should be used to physically separate the incompatible materials.
- With re-roofs, care must be taken to ensure all old nails, netting and any incompatible materials are removed from the top surface of the purlin.

TAKING DELIVERY

- Check packs have been supplied with the correct material and are undamaged.
- Store free from contact with the ground and ensure rainwater is unable to get between the sheets.

PREPARATION

- Ensure that the support structure is in plane and is completely free from protrusions such as nail heads.
- Do not use wire mesh without separation to support underlay. If support is required, use alternative methods such as plastic strapping, secured to purlins, with fasteners through the vertical face of the purlin.

FASTENERS

- Fasteners should be aluminium or stainless steel.
- Oversized holes, with profiled metal washers, should be used to avoid crevice corrosion when using stainless steel fasteners.
- For roofing, unless stated otherwise, pre-painted profiled washers are required to meet the manufacturers published load span data.
- For wall cladding, pan fasteners should be equipped with an aluminium or stainless steel bonded washer.

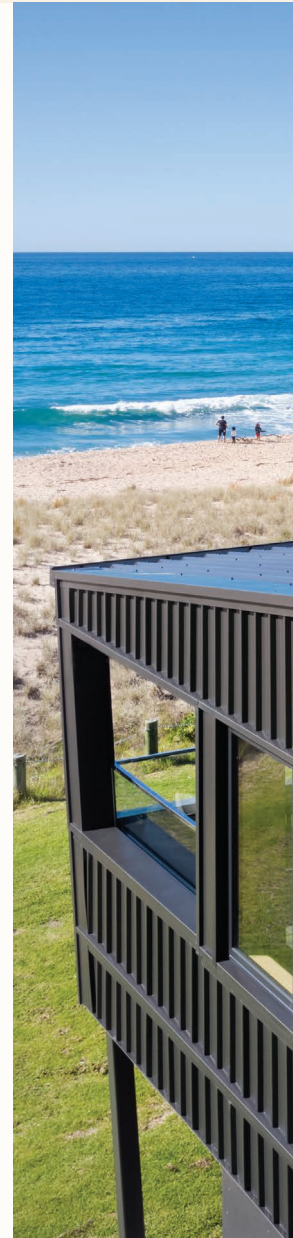
INSTALLATION

- Install as you would with other profiled metal roofing, taking care to avoid excessive roof traffic or point loads that may distort the material.
- Sheet lengths over 6m must be provided with oversized holes to allow for thermal expansion.
- Cut by shear only, do not use grinders or circular friction cutting blades.
- Eaves must be fitted with a painted or unpainted aluminium eaves flashing. The spouting face must be higher than the crest of the profile.
- Both touch up paint and sunscreen may have adverse effects on COLORSTEEL® products. To avoid any potential issues, please refer to their respective brochures.
- Refer to the MRM Code of Practice for full installation guidance and figure 14.19A for fixing details.



DON'T FORGET THE WARRANTY

After installation, obtain the COLORSTEEL® warranty for your client.



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