

# Alpine Tray

The Alpine Tray profile is designed to withstand some of New Zealand's harshest weather in our toughest environments. The high rib accentuates its strong clean lines.

AUTHORISED SUPPLIER



COLORSTEEL



New Zealand Steel

Home by Evolution, a division of Rilean Construction



Long run available



Wide range of colours



Pan swage optional



Suitable for pitched roofs down to 3°



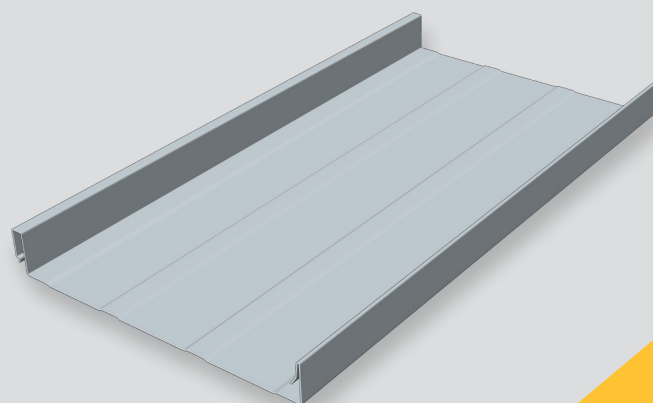
Machine transportable to site

## ALPINE TRAY SS675

Alpine Tray SS675 is a variable width tray roofing and cladding system, roll formed in single length trays and hidden fixed to solid and open purlin substrate. The high rib (45mm) allows for installation over open purlin with confidence.



All profile dimensions are nominal



**FREEMAN  
ROOFING**

[freemanroofing.co.nz](http://freemanroofing.co.nz)



To get the best from our Alpine Tray profile please follow these recommendations.

## FINISHES

Our Alpine Tray profile is available in a range of materials to suit New Zealand's wide range of environmental conditions. Your local conditions will determine which roofing materials are suitable for your project.

Available finishes	Thickness (BMT)
Steel, Zinalume & pre-finished (Colorsteel or Colorcote)	0.55mm, 0.75mm
Copper	0.50mm, 0.70mm
Zinc	0.70mm

## CLIPS

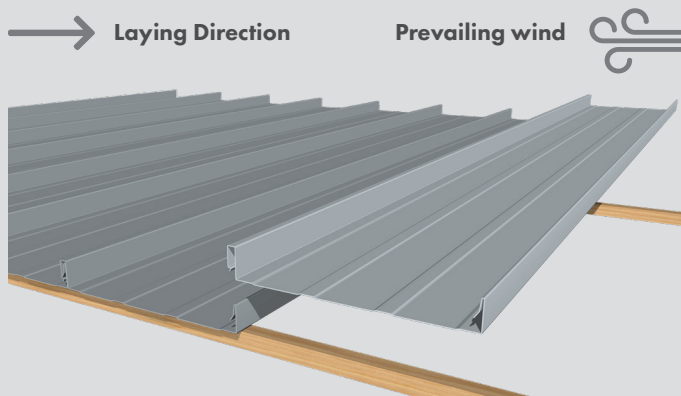
Clips are available in stainless and galvanised and supplied to meet the specification.

## FIXING

Fixings supplied in the specified finish. Length and size is determined as per the approved building code and the Metal Roofing Association Code of Practice.

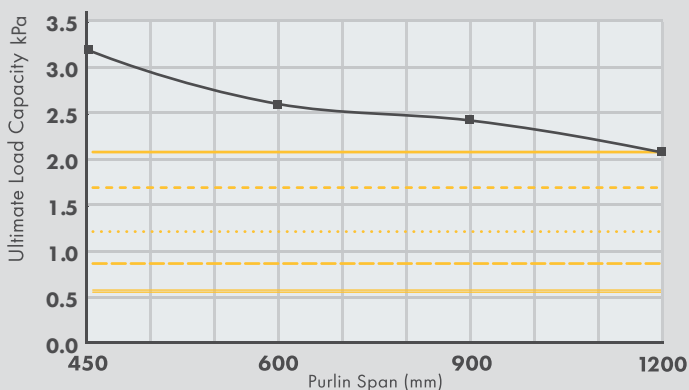
Lay sheets into the prevailing wind, with each sheet sitting neatly on the previous one and fixed within the recommended support spacings.

**Avoid stretching the width of the sheet as this could allow wind and rain to enter.**



## SS675 ALPINE TRAY – WIND LOAD PERFORMANCE

Independent laboratory performance (SWTL Test Report R0069)



Key	Wind Zone	Load
—	Extra High	2.09kPa
- - -	Very High	1.72kPa
.....	High	1.32kPa
- . - . -	Medium	0.93kPa
—	Low	0.6kPa

For strength and spanning capability the edges must be fixed. Use 10 gauge, self-drilling screws to fasten the standing seam to the clips on the sheet edges.

For maximum weather tightness, flashing turn-downs into the pan of Alpine Tray sheeting should be notched around the rib.

**For roof pitches under 10°:** Reduce purlin centres to 450mm. To support the underlay, use roofing string or tape.

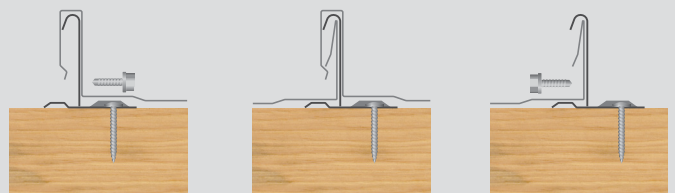
## FIXING TO TIMBER

**Fixing to timber:** Use two 10 x 40mm, square drive, wafer-head timber screws per clip. Clips are at every sheet overlap and edge at each timber support.

Timber supports should be 100 x 50mm planer gauged, and minimum MGP10 or F5 grade.

**To avoid damage to the sheeting walk over purlins.**

Wear rubber-soled shoes and walk in the pans. Do not walk directly on end span purlins.



## MAINTENANCE

The long-term performance of Alpine Tray depends on the correct application and maintenance of the product.

Regular maintenance should include the removal of any dirt, salt and pollutants. In severely corrosive environments Alpine Tray cladding should be cleaned more often.

Ensure the screws used have the same specified life expectancy as Alpine Tray cladding.

## STORAGE

Keep sheeting dry and stored above ground level. If sheets become wet, they should be separated, wiped and placed in the open to dry.

## WARRANTY

All profiles are covered by warranty for:

- Coating performance
- Corrosion resistance
- Substrate integrity

Warranty is subject to the use of the appropriate product for the environment. A written warranty is available on request.

*Important note regarding 'oil canning' which is defined as visible waviness in the flat areas of metal roofing and wall cladding. Oil canning is an architectural feature of any wide flat pan profile which will not impact the structural integrity of the product.*

**For additional information please contact your local branch or visit our website: [freemanroofing.co.nz](http://freemanroofing.co.nz)**