



Mintaro Hut

Solar-Rib® in Karaka

Field tested by some fairly sharp customers

Any Kea'll tell you, it rains for half the year on the Milford track. So it's 50/50 you're going to get a bit wet.

Smart people stay 100% safe, dry and also warm with Dimond® Roofing Solar-Rib®. It not only protects DOC's Mintaro Hut from downpours and Keas – it has an adhered PVL panel that generates its own electricity. Even the Keas have to admit that's pretty damn smart. We've been coming up with the New Zealand's toughest roofing solutions for decades, so we know it will be good for many generations to come.



masterspec partner





Solar-Rib®

Residential, Commercial, Wall Cladding

A Unique Power Generating Profile

Solar-Rib® is New Zealand's only roofing profile that is specifically designed to generate electric power through the use of Photo-Voltaic Laminate (PVL) solar panel technology. An attractive profile offering elegant looks, Solar-Rib® can be installed without the PVL, with the laminate being added onto the profile at a later time if desired. Solar-Rib® represents a progressive product, paying for itself in the long run and is an ideal way to combat increasing energy prices by taking advantage of nature's most renewable source of energy - the sun.

Ratings

AS/NZS4040 Tested

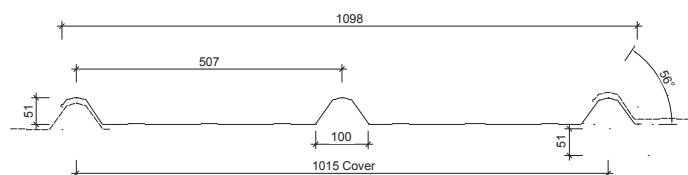
Design Note

Oil canning, flatness or waviness is a condition that may occur:

- (1) during the roll forming process
- (2) under thermal expansion, or
- (3) during the installation process.

It may be more noticeable with wide panned profiles or when using softer materials like aluminium. This does not cause any damage to the product, however the builder/architect needs to be aware that this may affect aesthetic outcomes. Please refer to the NZ Metal Roofing Code Practice- Section 2.3.5

Solar-Rib® Cross Sectional Profile Drawing



Note: All dimensions are nominal.

Solar-Rib® Specifications

BMT	Min Pitch	Max Span (Int/Mid/End)	Weight/mtr
0.55mm	3°	2.00 / 1.30 / 0.60	5.55
0.90mm Alu	8°	1.30 / 0.80 / 0.60	2.96

Additional Profile Information

Available in the following materials:

- Unpainted Zincolume®, Galvanised or Aluminium
- Prepainted ColorCote® - ZinaCore™ MagnaFlow™, AlumiGard™

Notes: Please consult with a Dimond® Representative before ordering for:

1. The correct coat to suit your roof to match the environment.
2. Availability of any non standard colours, materials or thicknesses.

Maintenance must be carried out on your new roof to ensure the roof meets the required durability according to the New Zealand Building Code and material warranty.