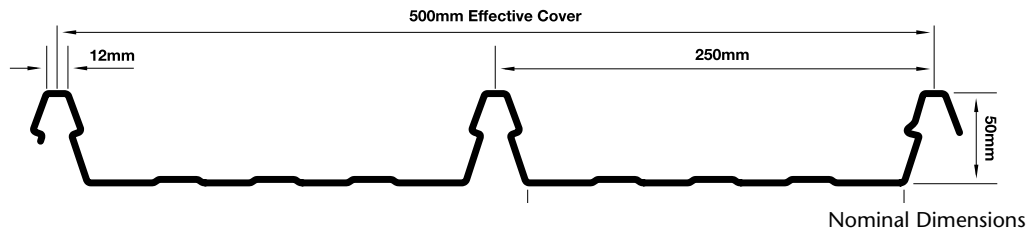


HI RIB



Introduction

Hi Rib is a high tensile wide cover clip fastened trough section or decking profile.

Applications



Industrial/
Commercial
Roofing &
Cladding



Canopies



Residential
Roofing &
Cladding

Features

Hi Rib is manufactured from high tensile material, enhancing its performance under both Point Load and Distributed Load. The slightly trapezoidal rib profile enhances resistance to foot traffic damage, and allows for end-lapping where required, while the greater cover gives material and installation labour advantages.

Options

Clear sheeting is available in profiled G.R.P. (fibreglass) to match.

Materials

Available in metallic coated and pre-painted steel in .48mm B.M.T. (base metal thickness), aluminium plain and prepainted in .70 and .90mm, and other non-ferrous metals.

Fasteners

Hi Rib is fastened with a Zincalume steel bracket, attached to each support member with four 40 mm twisted shank nails to timber, or two 10g x 16mm wafer head Steelfix screws.

Durability

All material selections must be compatible with prevailing environmental conditions and adjacent materials, see Product Guide or Specifiers Guide for details. Areas not exposed to rain washing will require programmed maintenance.

Warranty Plus

Steel & Tube Warranty Plus is the most comprehensive warranty available in the industry. Warranty Plus covers an extended range of performance criteria, is supported back-to-back by our suppliers, includes site-specific maintenance requirements and is transferable to subsequent owners.

Sectional Properties

HI RIB

Measure	Mass	Area	I	Z Top	Z Bottom	Y (centroid)
Unit	kg/m ²	mm ²	mm ⁴	mm ³	mm ³	mm
.48mm B.M.T.	5.82	678	205088	5572	15536	13.2

Notes: 1. Properties are for 1 metre width of cladding 2. Values are nominal only 3. Yield strength is 550 Mpa typical

Performance Data

Gauge	Controlled Traffic			
	Internal		End	
	Span	Load	Span	Load
.48mm	2100	1.56 st	1700	2.04 st
		2.13 sv		1.65 sv

Gauge	Heavy Traffic			
	Internal		End	
	Span	Load	Span	Load
.55mm	2100	1.56 st	1600	2.10 st
		2.13 sv		1.70 sv

st = Limit State Strength Load. sv = Limit State Serviceability Load.

Minimum Pitch

In accordance with Acceptable Solution E2, the minimum pitch for Hi Rib for roofing dwellings is 3°. Lesser-pitched designs are subject to Specific Design. Roof runs in excess of 75 metres should be checked for water runoff capacity.

Installers

A list of Approved Installers for your area and contract type is available from your local Steel & Tube Roofing Products' sales office.

Specifications

Recommended specifications are available in the branded sections of Masterspec[®] BASIC or Masterspec[®] STANDARD, or from your local Steel & Tube Roofing Products sales office.

Design Details

Design details covering many applications are available in CAD or hard copy.

Important

For your installation to perform to its potential, it is essential that it is designed, installed and maintained in accordance with good trade practice. Please refer to:

- *Steel & Tube Roofing Products: Product Guide*
- *New Zealand Steel: Installation Guide*
- *New Zealand Steel: Builders and Specifiers Guide*
- *BRANZ: Good Profiled Metal Roofing Practice*

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