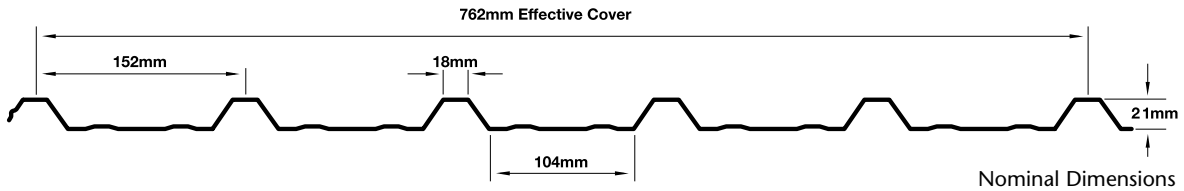


SIX RIB



Introduction

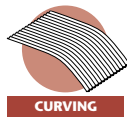
Six Rib is a low rib, six-ribbed trapezoidal profile, offering great looks and economy.

Applications



Residential
Roofing &
Cladding

RESIDENTIAL



Curving

CURVING



Industrial/
Commercial
Roofing &
Cladding

INDUSTRIAL

Features

Six Rib has an extra rib compared to most other products in its class, and a lower rib height, giving it a unique and tidy appearance.

Options

Six Rib in .55 G300 material can be convex crimp curved to a minimum 400mm radius. Clear sheeting is available in profiled G.R.P. (fibreglass) to match.

Materials

Available in metallic coated and pre-painted steel in .40 and .55mm B.M.T. (base metal thickness) Aluminium plain and pre-painted in .70 and .90mm, and other non-ferrous metals.

Fasteners

Typically: Steelfix 12g x 45mm, Timberfix 12g x 50mm. Class 4 minimum, of material compatible with that being fastened and durability no less than the sheet material. Provision for thermal expansion should be considered for lengths in excess of 12 metres.

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

SIX RIB

Measure	Mass	Area	I	Z Top	Z Bottom	Y (centroid)
Unit	kg/m ²	mm ²	mm ⁴	mm ³	mm ³	mm
.40mm B.M.T.	4.08	469	31378	2051	4683	6.7
.55mm B.M.T.	5.54	645	43204	2824	6448	6.7

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

Performance Data

Maximum spans for normal and heavy traffic in millimetres. Distributed Loads in kPa at Maximum Spans using 5 fasteners per sheet per support. Loads for alternative fastener frequencies available on request.

Gauge	Controlled Traffic				Gauge	Heavy Traffic				
	Internal		End			Internal		End		
	Span	Load	Span	Load		Span	Load	Span	Load	
.40mm	1500	6.30 st	1100	6.52 st	.40mm	Not Recommended				
		3.62 sv		4.32 sv						
.55mm	2000	6.25 st	1500	10.26 st		.55mm	1800	7.97 st	1400	8.50 st
		3.13 sv		5.57 sv				4.19 sv		4.33 sv

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

Minimum Pitch

In accordance with Acceptable Solution E2, the minimum pitch for Six Rib for roofing dwellings is 3°. Lesser-pitched designs are subject to Specific Design criteria. Roof runs in excess of 20 metres should be checked for water runoff capacity.

Foot Traffic

Foot Traffic up the roof must take place in the pan of the profile, or over purlin lines. Traffic across the roof must take place along purlin lines.

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

Technical Helpline: 0800 333 247 Website: www.stroofing.co.nz Email: info@stroofing.co.nz
Specification templates available on masterspec 09 631 7044

WHANGAREI
29 South End Avenue
Otaika
PO Box 1869
Whangarei 1040
Tel: 09 438 4600
Fax: 09 438 0342

NORTH SHORE
2 Ride Way
North Harbour
Industrial Estate
PO Box 100182
North Shore
North Shore City 0745
Tel: 09 415 8080
Fax: 09 415 9192

AUCKLAND
30 Business Parade North
Highbrook
PO Box 204216
Highbrook
Manukau 2161
Tel: 09 274 4056
Fax: 09 274 8972

HAMILTON
40 Northway Street
Te Rapa
PO Box 10458
Te Rapa
Hamilton 3241
Tel: 07 850 9200
Fax: 07 850 9330

TAURANGA
28A Jean Batten Drive
Mt Maunganui
PO Box 2001
Seventh Avenue
Tauranga 3140
Tel: 07 578 1089
Fax: 07 577 0186

WELLINGTON
41 Randwick Road
Lower Hutt
PO Box 36082
Wellington Mail Centre
Lower Hutt 5045
Tel: 04 568 4359
Fax: 04 568 6770

CHRISTCHURCH
106 Antigua Street
Sydenham
PO Box 106
Sydenham
Christchurch 8240
Tel: 03 377 0994
Fax: 03 377 2680



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