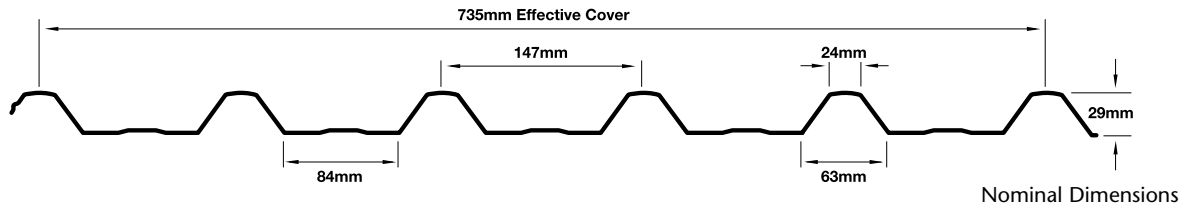


# TRIMLINE



## Introduction

Trimline is a premium low rib, six-ribbed trapezoidal profile, offering great looks and exceptional performance.

## Applications



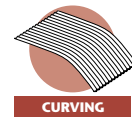
Residential  
Roofing &  
Cladding

RESIDENTIAL



Industrial/  
Commercial  
Roofing &  
Cladding

INDUSTRIAL



Curving

CURVING

## Features

Trimline has an extra rib compared to most other products in its class, giving it unequalled good looks and greater rigidity.

## Options

Trimline in .55 G300 material can be crimp curved to minimum radii of 400mm. Depending on grade and purlin spacings, it can be sprung curved down to convex radii of 24 metres. Matching clear sheeting available in G.R.P. (fibreglass).

## 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 55mm, Timberfix 12g x 65mm, 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

# TRIMLINE

Measure	Mass	Area	I	Z Top	Z Bottom	Y (centroid)
Unit	kg/m <sup>2</sup>	mm <sup>2</sup>	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>3</sup>	mm
.40mm B.M.T.	4.13	479	55096	3095	5402	10.2
.55mm B.M.T.	5.68	658	75816	4259	7433	10.2

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

## Performance Data

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			
	Internal		End	
	Span	Load	Span	Load
.40mm	1700	4.45 st	1450	4.95 st
		3.03 sv		3.31 sv
.55mm	2300	5.35 st	1700	6.21 st
		2.12 sv		3.96 sv

Gauge	Heavy Traffic			
	Internal		End	
	Span	Load	Span	Load
.40mm	1100	7.07 st	800	8.01 st
		6.00 sv		5.70 sv
.55mm	1800	8.19 st	1400	7.43 st
		4.27 sv		5.65 sv

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

## Minimum Pitch

In accordance with Acceptable Solution E2, the minimum pitch for Trimline for roofing dwellings is 3°. Lesser-pitched designs are subject to Specific Design criteria. Roof runs in excess of 35 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 Solutions 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](http://www.stroofing.co.nz) Email: [info@stroofing.co.nz](mailto:info@stroofing.co.nz)**  
**Specification templates available on masterspec 09 631 7044**

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