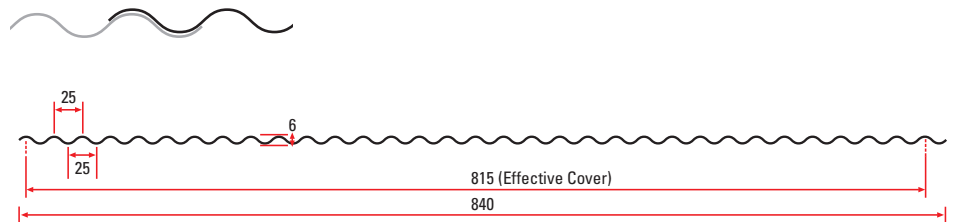




PROFILE TECHNICAL SUMMARY

Slimline lap

(All dimensions are nominal and in mm.)



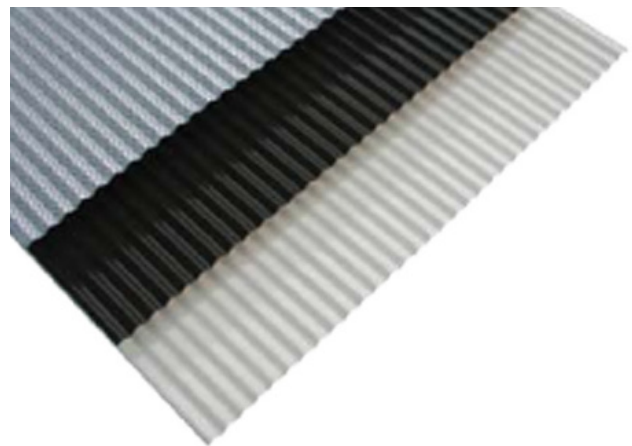
Slimline - Mini Corrugate
Dimensioned Drawing of Slimline

Minimum Pitch

A miniature version of traditional corrugated roofing and cladding, Slimline® mini corrugate offers designers, builders, signwriters, fencing contractors and home owners alike, a unique and decorative alternative with the range of end uses only limited by the imagination.

Although not suitable for use as a standard roofing product it is suitable for use on smaller architectural feature roofs such as doorway entrances and canopies, and as a wall cladding profile. When used as a roof a minimum pitch of 8° is recommended and sheet lengths restricted to < 3 metres. When coupled with a range of substrate materials, surface finishes and perforated options, Slimline® Mini Corrugate exhibits flexibility, and practicality as a modern architectural product.

Side laps of curved sheets must be sealed to any areas below the minimum pitches permitted above.



Branches: • Whangarei • Auckland • Pukekohe (Franklin Metal Folding & Roofing Ltd) • Hamilton • Taupo • Palmerston North
• Wellington • Christchurch

- Manufactured custom cut to length subject to transport and site limitations.
- Sheet lengths are generally limited to 8 metres but can be longer by special arrangement.

Building Design / Performance Criteria / Product Selection

Slimline® Mini Corrugate is outside the scope of E2/AS1 and its use is therefore subject to specific design. It is not suitable for use as a roofing product other than on smaller architectural feature roofs and advice should always be sought from Roofing Industries.

It is suitable as a wall cladding, office fit out, fencing, feature wall and similar architectural uses, and is the subject of specific design in such cases.

Slimline® Mini Corrugate is available in perforated P119 pattern.

Specification

Refer to our Full Specification on Masterspec, our website, and our Selection Guide.

Information Table

Substrate Material		Steel	
Thickness		.40mm BMT	.55mm BMT
Aprox weight per lineal metre for substrate material (kg/lm)		3.2	4.27
Recommended Purlin/Girt Spacings ³ (Including for curved application)	Intermediate End	0.600mm 0.600mm	0.600mm 0.600mm
Unsupported Overhang (mm) ¹		75	100
Drape Curved Roof -Minimum Radius (m)		1500mm	1500mm
Wind Design Load crest fixed with 12 gauge tek screws at the following purlin/girt spacing	Intermediate ³ End ³	3.6kPa 1.200mm 0.800mm	5.0kPa 1.200mm 0.800mm
Fixings²			
Roofing	Timber Steel	12-11x50 Class 4 Woodteks or Roofzips 12-14x35 Class 4 Steelteks	
Wall Cladding	Timber Steel	10-12x25 Class 4 Woodteks or 10-16x30 Rippleteks 10-16x16 Class 4 Steelteks or 10-16x20 Rippleteks	
Internal/Fencing	Timber Steel	10-16x30 Rippleteks 10-16x20 Rippleteks	
Fasteners		A minimum of every 5th corrugation	

¹ Not intended for access.

² All primary fasteners to have a minimum embedment into structural timber of 25 - 30mm.
Adjust fasteners length for both timber and steel fixings when necessary for battens etc.

³ Secondary fasteners to the laps are recommended when purlin/girt spacings exceed 600mm.

For further information on the fixing of Slimline® Mini Corrugate refer to the NZ Metal Roof and Wall Cladding Code of Practice, www.metalroofing.co.nz. This publication along with the foregoing technical data should form the basis of the design and installation of metal roofing and cladding. Also refer to our suite of detail drawings, and to NZ Steel Ltd and Pacific Coilcoaters literature.