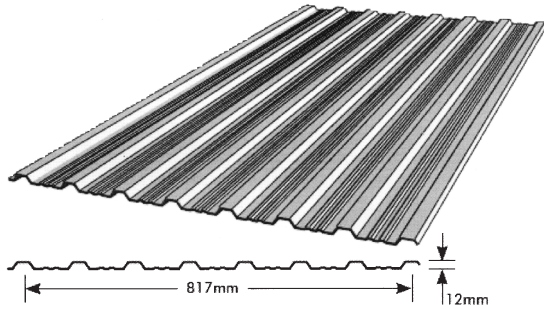


Installation Procedure for Lo-Rib™



When installing Lo-Rib™ the span of the sheet needs to not only consider the strength of the profile but also the serviceability of the profile during installation and once installed. Table 2.10.B provides details on the maximum span of Lo-Rib™ for strength. To maintain aesthetic integrity, and minimise bowing and the shadowline effect of the panels, spans should be kept to a minimum of 900mm. Spans greater than 900mm should have sidelaps stitched to keep the joints water-proof*. For Wall heights over 3.0m Fielders recommends that S-Rib™ or TL-5™ be used.

* on occasions it may be necessary to stitch side laps at less than 900mm spacings.

Lo-Rib™ Material Specifications

Property	0.35 BMT	0.42 BMT	Notes
Total Coated Thickness (mm)	0.40	0.47	
Mass/Unit Length (kg/m)	Zincalume®	2.75	1000 / (m/Tonnes)
	Colorbond®	2.80	
Mass/Unit Area (kg/m ²)	Zincalume®	3.37	1000 / (m/Tonnes)
	Colorbond®	3.43	
	G550		Base Steel Designation
Coating Class	AZ150		Minimum Coating g/m ² of Zinc - Aluminium
Coverage (mm)	817		
Tolerance	Sheet Length ± 10mm Cover Width ± 4mm		
Thermal Expansion	2.9mm average per 5m of 50° C change		

Table 2.10.A Lo-Rib™ Material Specifications

Maximum Recommended Span* (mm) Lo-Rib™ Non Cyclonic		
Span Type	0.35 BMT	0.42 BMT
End Span	900	1350
Internal Span	1300	1800

Table 2.10.B Lo-Rib™ Maximum Recommended Span – Non Cyclonic

Fixings

Fasteners must be selected to match the life expectancy of the cladding material. Recommendations from fastener manufacturers should be sought.

Only fasteners complying with AS 3566:2002 and those that are compatible with the roofing material should be used for its fastening.

Lo-Rib™ Pierce Fixing – Non Cyclonic

Fixing Supports	Valley Fixing (Wall Only)	Side Lap Fixing
Steel 1.0 to 3.0mm	10 - 16x16mm Metal Tek's hexagon head with seal	ABMG4-1/3 Buildex Multigrip Alu- minium/Steel Rivets
Timber Hardwood and Softwood	M6-11x25MM RoofZips hexagon head with seal	

Table 2.10.C Lo-Rib™ Pierce Fixing – Non Cyclonic

Notes: All fasteners used externally should be fitted with an EPDM seal (washer.)
Do not use punches to form fastener holes.

Fastener Spacing - Non Cyclonic

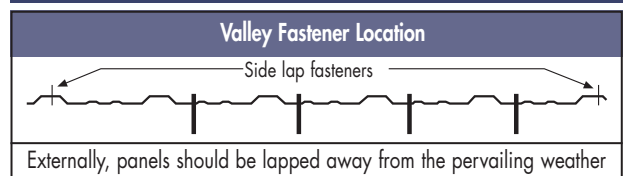


Figure 2.10.D Lo-Rib™ Fastener Spacings – Non Cyclonic

Please check with Fielders that you have the current Fielders Fact File for this topic.

Care has been taken to ensure that the design information herein is accurate, but Fielders Australia Pty Ltd and its agents do not accept responsibility for errors due to misinterpretation of the input data or of output information by the user. Design advice is provided as a recommendation only and is not a substitute for professional judgement.

Damages for breach of any warranty conditions shall not extend to any consequential damages.

The information contained in this design advice remains the property of Fielders Australia and is submitted in strict confidence for the sole purpose of facilitating the exclusive specification and use of Fielders products. The information contained within this advice is based on testing conducted by and exclusive to Fielders profiles and cannot be assumed to apply to alternative products. Distribution of this and associated documents, is restricted to the following parties unless otherwise authorised by Fielders Australia

For more information contact Fielders on Freecall: 1800 182 255

Email: info@fielders.com.au • Web: www.fielders.com.au

Adelaide • Melbourne • Sydney • Perth • Brisbane • Darwin

OCTOBER 2008



FINISH ON TOP WITH FIELDERS STEEL ROOFING