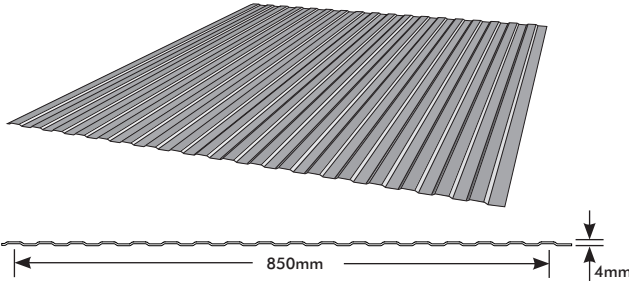


2.14 Ribform®



Ribform® Material Specifications				
Property		0.42 BMT	0.48 BMT	Notes
Total Coated Thickness		0.47	0.53	TCT
Mass / Unit Length (kg/m)	ZINCALUME®	3.10	3.54	1000 / (m/Tonne)
	COLORBOND®	3.46	3.91	
Mass / Unit Area (kg/m ²)	ZINCALUME®	3.65	4.16	1000 / (m Mass/profile width)
	COLORBOND®	4.07	4.60	
Minimum Yield Strength		G550		Base Steel Designation
Coating Class		AZ150 (150g/m ²) AZ200 (Ultra) Z450 (Galvanised) Z600 (Heritage Galvanised)		Minimum Coating g/m ² of Zinc - Aluminium
Coverage (mm)		850		
Tolerance		Sheet Length ±7mm Cover Width ±4mm		
Thermal Expansion		2.9mm average per 5m at 50° C change		

Table 2.14.A Ribform® Material Specifications

Load Span Tables

The allowable spans have been determined from tests carried out in accordance with the following Australian Standards (wind load available by region): AS 1562.1 :1992, "Design and installation of sheet roof and wall cladding - Metal" and AS 4040:1992, "Methods of testing sheet roof and wall cladding".

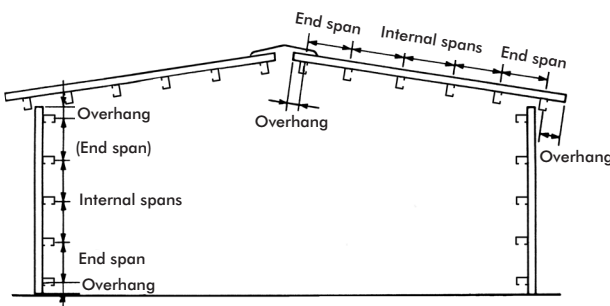


Figure 2.14.A End Spans, Internal Spans and Overhangs

Design Parameters

Region A:

$$\begin{aligned}
 h &= 10\text{m} & C_{p,e} &= -0.65 & P_u &= 2.25\text{kPa} \\
 v_u &= 50\text{m/s} & C_{p,i} &= 0.2 & P_s &= 1.93\text{kPa} \\
 K_L &= 2.0
 \end{aligned}$$

Maximum Recommended Span (mm) Ribform® Non Cyclonic

Span Type	0.42 BMT		0.48 BMT	
	Ceiling	Wall	Ceiling	Wall
Single Span	450	600	450	600
End Span	450	600	450	600
Internal Span	450	600	450	600
Unstiffened Overhang	-	-	-	-
Stiffened Overhang	-	-	-	-

Table 2.14.B Ribform® Maximum Recommended Span - Non Cyclonic

Ribform® Installation Procedure

For installation procedures see section 4.7 "Typical Pierce Fix Installation Guide". For general handling instructions refer to section 5.0 'Maintenance and Care'.

Pierce Fixing

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.

Ribform® Pierce Fixing - Non Cyclonic		
Fixing Supports	Valley Fixing (Wall Only)	Side Lap Fixing
Steel 1.0 to 3.5mm	10-16x16mm Metal Tek's hexagon head with seal	AS 4.2 Aluminium/ Steel Rivets
Timber Hardwood and Softwood	M6-11x25mm RoofZips hexagon head with seal	

Table 2.14.C Ribform® 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.

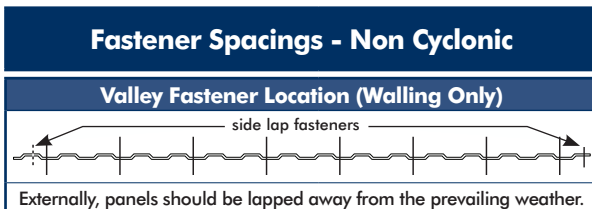


Table 2.14.D Ribform® Fastener Spacings - Non Cyclonic