



CORRUGATED SHEETING

- FOR RESIDENTIAL, INDUSTRIAL AND COMMERCIAL PROJECTS
- ROOFING, WALLING AND FENCING APPLICATIONS

DESIGN

RIB HEIGHT	16mm
WIDTH COVERAGE	762mm +/- 4mm
MINIMUM PITCH	5 degrees (1 in 12)
MAXIMUM LENGTH	17m

SPANS

- Based on 'normal' foot traffic and wind resistance
- Buildings < 7m in height, < 1000m² in area unaffected by topograph

Base Metal Thickness (BMT) mm		0.42	0.48
ROOFS	Single Span (mm)	700	800
	End Span (mm)	900	1200
	Internal Span	1200	1600
	Unstiffened Eave Overhang	200	250
	Stiffened Eave Overhang	300	350
WALLS	Single Span (mm)	1200	1500
	End Span (mm)	1350	1800
	Internal Span	1800	2400
	Overhang	250	300

FASTENERS

- All fastener screws must conform to AS3566 – Class 3
- Screws have a hexagon head with neoprene sealing washers

	TIMBER	BATTENS (<1.5MM)	STEEL (>1.0MM)
Roofing	Type 17 12g x 50mm	Self Drilling M6.2 x 50mm	Self Drilling 12g x 39mm
Walling	Type 17 12g x 25mm	Self Drilling 10g x 16mm	

QUALITIES

- ✓ Most popular roofing profile for residential housing
- ✓ Economical; Stylish; Strong; Durable; Versatile
- ✓ Available in all COLORBOND® steel colours and ZINCALUME® steel

PROPERTIES

- ZINCALUME® steel alloy coated AM125 conforms to AS1397:2011
- COLORBOND® steel in accordance with AS2728:2013 AM100 (100g/m²)

Base Metal Thickness BMT (mm)	-	0.42	0.48
Tensile Strength (MPa)	-	550	550
Total Coated Thickness TCT (mm)	ZA	0.47	0.53
	CB	0.50	0.56
Mass (kg/m ²)	ZA	4.28	4.86
	CB	4.35	4.93
Mass (kg/lm)	ZA	3.26	3.70
	CB	3.32	3.78

INSTALLATION SUMMARY

- ✓ Lay sheets into the prevailing wind with a side lap of 1½ corrugations
- ✓ Turn valleys of each corrugation up at ridge
- ✓ Pierce fix through corrugated crests for roofing
- ✓ 5 screws / sheet at all end supports (and for end lapping)
- ✓ 3 screws / sheet at all internal supports (or 5 for locations rated C1)
- ✓ Recommendations can be made for other wind ratings