



## CORRUGATED SHEETING

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

### DESIGN

RIB HEIGHT	16mm
WIDTH COVERAGE	762mm + 1 ½ overlaps
CORRUGATED: Minimum pitch roof	5 degrees (1 in 12)
MAX. LENGTH	17m

### SPANS

- Based on 'normal' foot traffic and wind resistance
- Buildings < 7m in height, < 1000m<sup>2</sup> 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
	Internal Span (with 55mm blanket)	1000	1500
	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

APPLICATION	FASTENER TYPE	SCREW SIZE	WASHER TYPE
ROOFING	• into timber	12g x 50mm	Type 17
	• into battens up to 0.75 mm	M6.2 x 40	Self drilling
	• into steel over 0.75 mm	12g x 35mm	Self drilling
WALLING	• into timber	12g x 25mm	Type 17
	• into steel over 0.75 mm	10g x 16mm	Self drilling

### 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/m<sup>2</sup>)

PROPERTY	0.42	0.48
Base Metal Thickness BMT (mm)	-	0.42 / 0.48
Tensile Strength (MPa)	-	550 / 550
Total Coated Thickness TCT (mm)	ZA / CB	0.47 / 0.53 / 0.50 / 0.56
Mass (kg/sqr mtr of roof)	ZA / CB	4.28 / 4.86 / 4.35 / 4.93
Mass (kg/lineal mtr)	ZA / CB	3.26 / 3.70 / 3.32 / 3.78

### INSTALLATION

- ✓ 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