



# LCP LYCORCORRY®

Metal Roof & Wall Cladding System



## Integrity In Partnership

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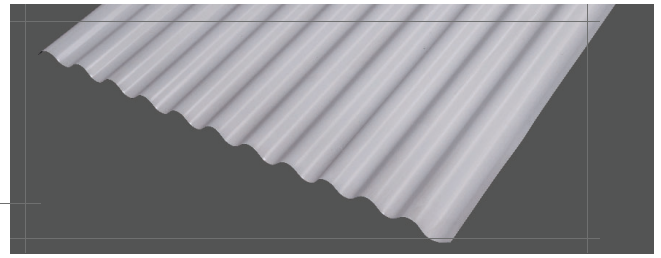
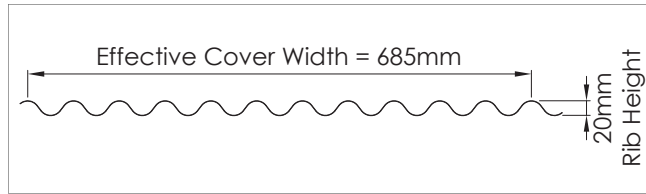
CERT NO. FM 59595  
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# LCP LYCORCORRY®

## FEATURES

The classic sine wave shape of the **LCP LYCORCORRY®** gives a smooth flowing, profile effect. Various types of installation including horizontal, vertical or diagonal provide aesthetically pleasing architectural possibilities.



## LENGTH

**LCP LYCORCORRY®** can be supplied in any length up to the limit of the local Transport Authority regulations. Length tolerance is +0, -15mm.

## MATERIALS

**LCP LYCORCORRY®** is a cold roll formed wall cladding. Steel product is G550 base material (550MPa minimum yield stress), with a Zinalume® (AZ200) coating in accordance with AS1397, and Colorbond® is available in a range of colours. Other materials can be roll formed subject to enquiry.

## COLOURS/AVAILABILITY

All LCP fascia and soffit claddings are produced in a range of materials and colours. Please check with **LCP Building Products Pte. Ltd.** office for product availability and lead times.

## COMPATIBILITY

Non compatible metal flashings should not be used in conjunction with Zinalume® or Colorbond® sheeting. Drainage from Zinalume® or Colorbond® roofing (inert materials) should not be allowed to discharge onto galvanised rainwater components.

## CUTTING

Sheeting can be cut, where necessary, by means of metal snips or electric nibbler. The use of cutting discs should be avoided but if it is used, the **COLORBOND®** pre-painted steel sheeting should be placed downwards, or carefully shielded, to minimize the risk of hot filings embedding in the painted surface.

## HANDLING

**LCP LYCORCORRY®** (especially Colorbond®) should be handled with care at all times to preserve the quality of the finish. Packs should always be kept dry and stored above ground level whilst on site. If however the sheets have become wet then they should be separated, wiped and placed in the open to aid drying.

## FLASHING

For flashing details please refer to **LCP Building Products Pte. Ltd.** Technical Department.

## PERMISSIBLE WIND PRESSURES (kPa)

LCP LYCORCORRY® Permissible Wind Pressure (kPa)											
Thickness		Fixing per sheet	Span Type	Foot Traffic Limitation	Internal Span (End Span) Combination (mm) *						
BMT (mm)	TCT (mm)				(750) 900	(1000) 1200	(1250) 1500	(1500) 1800	(1750) 2100	(2000) 2400	(2250) 2700
0.42	0.47	5	Internal (External)	2100 (1750)	2.56	1.92	1.54	1.28	1.10	0.96	0.85
			Equal	1700	2.25	1.68	1.35	1.12	0.86	0.96	0.40
			Double	1700	2.05	1.54	1.23	1.02	0.88	0.74	0.52
			Single	1000	5.12	2.44	1.25	0.72	0.46	0.31	0.21
0.48	0.53	5	Internal (External)	2700 (2250)	3.59	2.70	2.16	1.80	1.54	1.35	1.20
			Equal	2150	3.15	2.36	1.89	1.58	1.05	0.70	0.50
			Double	2150	2.88	2.16	1.73	1.44	1.23	0.90	0.63
			Single	1300	7.10	3.00	1.53	0.89	0.56	0.37	0.26

Loads have been determined from testing to AS1562 – Design and Installation of Metal Roofing.

\*Spans shown in brackets are the end spans to be used in conjunction with the internal spans shown.

NOTE: Spans shown in shaded (■) area are not suitable for trafficable roofs.

## ADVERSE CONDITIONS

If it is intended to use **LCP Building Products Pte. Ltd.** roofing, walling or rainwater products within 1km of salt marine or industrial and unusually corrosive environments, please contact **LCP Building Products Pte. Ltd.** office for advice.

## FASTENERS

All fasteners should conform with AS3566 and be compatible with the cladding material used.

**Valley Fixing:** For fixing to steel: No. 10 × 16mm Hex head self drilling, self tapping screws.

For fixing to timber: use No. 8 × 20mm Hex head self drilling type 17 screws. Add 10mm to screw length for softwood applications.

**Crest Fixing:** For fixing to steel: No. 12 × 35mm Hex head self drilling, self tapping screws.

For fixing to timber: use No. 12 × 50mm Hex head self drilling type 17 screws. Add 10mm to screw length for softwood applications.

## INSTALLATION

Do not over-tighten any screws and ensure they are kept perpendicular during installation. For maximum protection from weather intrusion the sheet should be laid with the exposed edge of the overlaps away from the direction of the prevailing weather.

For detailed installation instructions please refer to **LCP Building Products Pte. Ltd.** Technical Department.

Valley fix position (wall)

Crest fix position (roof)

Ensure sheets sit correctly before fixing so that the integral anticapillary space is effective. Side laps should be fastened with No. 8 × 12mm hex head "S" point screws or pop rivets when wall spans exceed 1200mm. Lead head nails must not be used.