



# LCP K-RIB®

Fascia Panel & Wall Cladding System



## Integrity In Partnership

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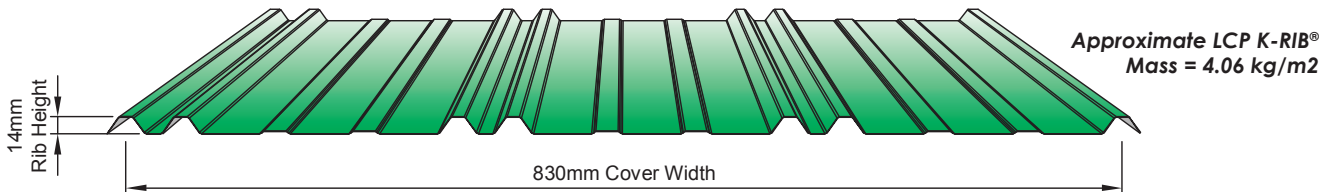
# LCP K-RIB®

## FEATURES

LCP K-RIB® provides a low cost alternative to industrial claddings and can be used effectively in either the domestic (garage lift doors) or commercials/industrial markets.

- ▶ 830mm Cover – to maximize efficiency and reduce costs.
- ▶ Easy Fixing – conventional through fixed screws maximize performance and installation.

- ▶ Low Rib Height – for smart, neat appearance used effectively in minimal dust zones, e.g.: health applications.
- ▶ Versatility – suitable for many applications – garage doors, soffits, fascias and general cladding requirements.
- ▶ Fast Erection – a quick covering profile with simple fastening.



## MATERIALS

LCP K-RIB® is a cold roll formed wall cladding. Steel product is G550 base material (550MPa minimum yield stress), with a Zinalume® (AZ150) 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

Lead 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 K-RIB® (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 promote drying.

## FLASHING

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

## PERMISSIBLE WIND PRESSURES (kPa)

LCP K-RIB® - Internal Span (End Span) Combination (mm)										
Thickness (mm)		Span Type	(480)	(750)	(1000)	(1250)	(1500)	(1750)	Wall Span *	
BMT	TCT		600	900	1200	1500	1800	2100	Sheltered	Exposed
0.42	0.48	Internal (End)	4.23	2.82	1.67	0.85	0.49		1600 (1250)	1400 (1100)
		Equal	3.71	1.55	0.65	0.33			1150	1000
		Double	3.38	1.98	0.83	0.43			1250	1100
		Single	2.77	0.82	0.35				900	700

\*Note: Wall span apply to buildings no more than 10m in height, and less than 1000m² in plan area. Assumed wind loads are 0.72 kPa for sheltered suburban areas and 1.10 kPa for exposed suburban areas.

## LENGTH

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

## 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 your LCP Building Products Pte. Ltd. office for advice.

## FASTENERS

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

For fixing to steel: No. 10 × 16mm pan head self drilling, self tapping screws.

For fixing to timber: use No. 8 × 20mm pan 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 at 3 locations per sheet



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

**WARNING – DO NOT USE LCP K-RIB® AS A ROOF SHEET**