

PRODUCT SPECIFICATION – LCP LYCORPANEL®

The wall cladding metal sheets shall be 0.55mm BMT **LCP LYCORPANEL®** produced by **LCP Building Products Pte. Ltd.** The nominal cover width of **LCP LYCORPANEL®** is 300mm. Other cover widths and / or striations (pan flutes) are also available. Depending on the desired design, a gap between each panel can range from 0mm up to 25mm with appropriate dimensions of the concealed internal flange. The depth of the panel will be 25mm. The panel can be orientated vertically, horizontally or diagonally depending on the desired design. The fixings shall be concealed, giving a neat appearance. **LCP LYCORPANEL®** must be fixed to structural framework and/or sub-girts spaced at appropriate distances. For more information on these distances, please contact **LCP Building Products Pte. Ltd.**, Technical Department. The fasteners used to secure the **LCP LYCORPANEL®** shall conform to Australian Standard AS3566 and be compatible with the cladding material used.

The sheeting material shall be **ZINCALUME®** protected steel sheet to Australian Standard AS1397 with a minimum yield stress of 300MPa (Grade G300), metallic hot-dip coated with **ZINCALUME®** zinc/ aluminium alloy- coated steel comprising 55% aluminium, 43.5% zinc and 1.5% silicon. The minimum coating mass for the **ZINCALUME®** zinc/aluminium alloy - coated steel shall be AZ150 (150 g/m² minimum coating mass) as determined by Australian Standard AS1397.

LCP LYCORPANEL® shall be fixed in a workman like manner, leaving the job clean and weather-tight. All debris (nuts, screws, cuttings, filings etc.) shall be cleaned off daily.



PRODUCT SPECIFICATION – LCP LYCORPANEL® , continued

Option for Clean COLORBOND® prepainted steel sheets

The prepainted steel sheets to be used for **LCP LYCORPANEL®** roofing and/or wall cladding shall be Clean COLORBOND® prepainted steel manufactured by BlueScope Steel Limited; factory coiled painted and oven baked to Australian Standard AS2728.

The type of prepainted steel for the **LCP LYCORPANEL®** could be a range of Clean COLORBOND® products. The technical specifications are as follows:

a) **Clean COLORBOND® (Exterior Roofing & Walling)**

- Primer coat: Universal corrosion inhibitive primer; nominal thickness 5um top side.
- Finish coat: Nominal thickness 20um on the top or weather side. The finish coat colour shall be
- Backing coat: Shadow grey; nominal film thickness 10um.
- Gloss: Nominal 25% (60 degree).

b) **Clean COLORBOND® XPD (Exterior Premium Durability)**

- Primer coat: Corrosion inhibitive primer; nominal thickness 5um each side.
- Finish coat: Nominal thickness 20um of PVF² paint finish on the top or weather side. The finish coat colour shall be
- Backing coat: Snowgum Green; nominal film thickness 5um.
- Gloss: Nominal 25% (60 degree).

c) **Clean COLORBOND® Ultra Steel (Exterior Roofing & Walling, suited for moderately severe marine & industrial environments)**

- Corrosion Inhibitive Primer (on both sides): Nominal thickness 5um.
- Finish Coat (on the top or weather side): Nominal thickness 20um of regular polyester paint finish with nominal 25% (60 degree) gloss. The finish coat colour shall be
- Backing Coat: Nominal thickness 10um

d) **Clean COLORBOND® XPD Pearlescent (an optional finish for prestigious building panels requiring premium colour and gloss retention)**

- Primer coat: Specially formulated corrosion inhibitive primer; nominal thickness 5um each side.
- Finish coat: Nominal thickness 20um of PVF² paint finish on the top or weather side. The finish coat colour shall be
- Backing coat: Snowgum Green; nominal film thickness 5um.
- Gloss: Nominal gloss level of 15% to 35% (60 degree) depending upon the colour.