

TYPICAL ALUCOBOND® SPECIFICATION

Composite panels shall be ALUCOBOND® as manufactured by 3A Composites GmbH and supplied throughout Australia by their exclusive agents, Alucobond Architectural.

ALUCOBOND® panels shall consist of 2 face sheets of 0.5mm thick aluminium sandwiching a core of low density polyethylene, formed in a continuous process without glues or adhesives between face sheets and core.

Aluminium face sheets shall be Alloy AlMg 1-NS41 having an ultimate tensile strength of 130 MPa and 0.2% stress of 90 Mpa.

One face sheet, unless noted otherwise, shall be pre-finished in colour selected from ALUCOBOND® standard colour range, preformulated complementary colour range or special custom colours* with high performance fluoropolymer paints i.e. PVF2 and/or Megaflon applied by continuous coil coating process. Spray application not acceptable. Applied coating shall be protected with strippable UV stabilised PE film.

Rear face sheet to be Mill Finish unless noted otherwise.

ALUCOBOND® panels prior to fabrication shall be stored horizontally on a dry, flat, level surface and protected from damage from other trades.

Fabrication techniques as recommended by Alucobond Architectural shall be strictly adhered to. These include cutting, grooving, folding, bending and rolling. Information concerning these techniques can be obtained from Alucobond Architectural.

** Preformulated complementary colours and special custom colours are subject to minimum quantity requirements.*

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