

## TYPICAL DIBOND SPECIFICATION

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

DIBOND® panels shall consist of 2 face sheets of 0.3mm 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 H44 having an ultimate tensile strength of 145 MPa and 0.2% stress of 110 Mpa.

One face sheet, unless noted otherwise, shall be pre-finished in colour selected from DIBOND® standard colour range with high performance modified polyester paint applied by continuous coil coating process. High performance modified polyester paint finish shall be suitable for application of silk-screening, graphic lamination and where required over spraying with suitable 2 part polyurethane or acrylic spray finishes without the use of any pre-treatments, primers or undercoats. All secondary applied finishes shall be carried out in accordance with the applied finishes manufacturer's recommendations. DIBOND® factory applied coating shall be protected with strippable PE film.

Rear face sheet to be Mill Finish unless noted otherwise.

DIBOND® 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.

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