

ALUCOBOND'S DISTINCT ADVANTAGES MAKE SPECIFYING EASY

1

Cladding Techniques
and Edge Treatment Details

PROVEN QUALITY

- ALUCOBOND is the original and the world's most widely recognised aluminium composite panel.
- Manufactured since 1969 by one of the world's largest and longest established aluminium producers, 3A Composites.
- ALUCOBOND has a factory applied coil coated fluoropolymer paint finish; recognised and proven worldwide as the best architectural coating available today for all climatic and environmental conditions.
- ALUCOBOND is very cost effective, even in the most complex situations.
- Numerous prestigious projects have been carried out in Australia using ALUCOBOND since 1979.

COLOURS

- Available in over 80 colours/finishes including: Standard colours, Clear Anodised, Complimentary colours, Spectra Colours, NaturAL and TimberAL finishes. Some colours/finishes are subject to minimum quantity requirements.

WIDE RANGE OF SIZES

- ALUCOBOND is available in a wide range of sheet sizes and thicknesses.

FEATURES & APPLICATIONS

- ALUCOBOND is lightweight, extremely flat and rigid.
- ALUCOBOND has excellent vibration dampening characteristics.
- ALUCOBOND can be bent, curved or shaped to any angle.
- ALUCOBOND can be used as a fascia, as a cladding panel, for interiors or signage.
- ALUCOBOND is ideal to fit into any curtain walling system.

PROMPT DELIVERY

- Substantial stocks of ALUCOBOND are kept at our warehouses in Brisbane, Sydney Melbourne and Perth.

TECHNICAL SUPPORT

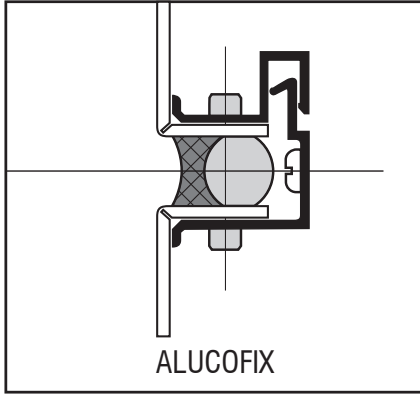
- Free technical support and backup available. Just call the ALUCOBOND office nearest to you.

AUSTRALIA'S MOST POPULAR COMPOSITE PANEL
ONLY AVAILABLE FROM
ALUCOBOND ARCHITECTURAL

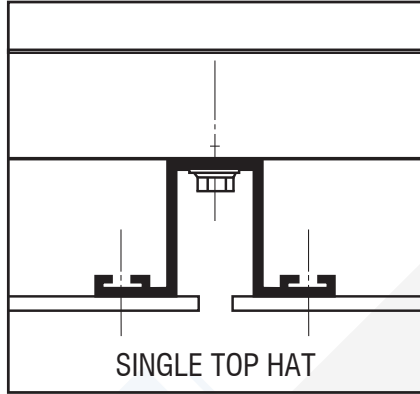
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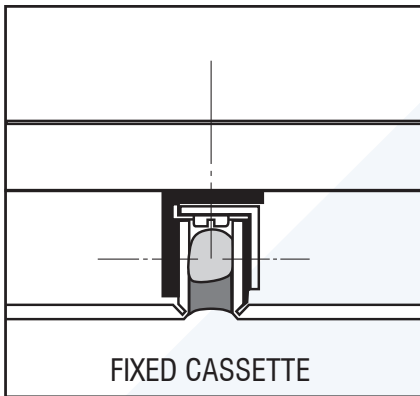
EXAMPLES OF SOME TYPICAL ALUCOBOND® CLADDING TECHNIQUES AND EDGE TREATMENT DETAILS



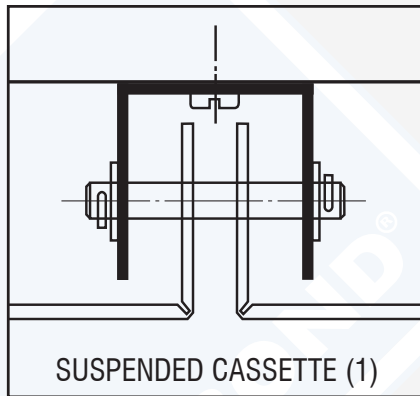
ALUCOFIX



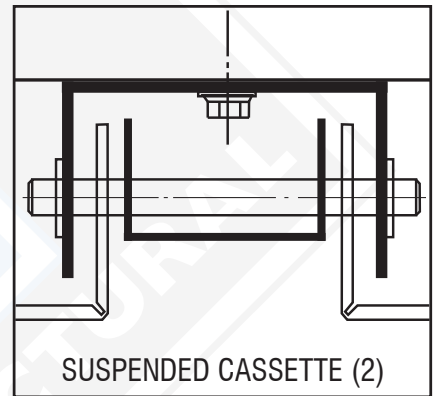
SINGLE TOP HAT



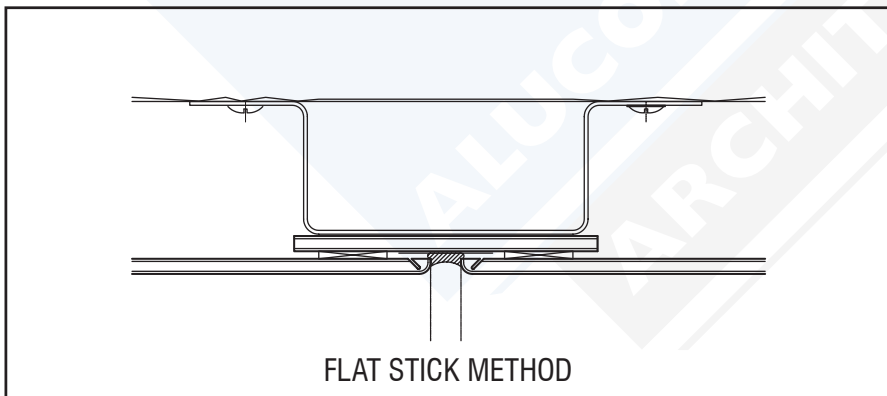
FIXED CASSETTE



SUSPENDED CASSETTE (1)

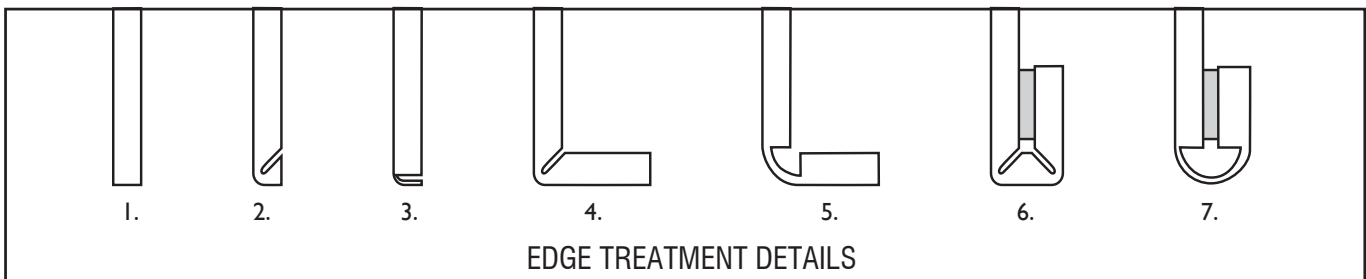


SUSPENDED CASSETTE (2)



FLAT STICK METHOD

*ALUCOBOND® Architectural recommend edge treatment 2 & 3 for flat stick method if warranty is required from the silicone / sealant manufacturer. If edge detail 1 is used only a limited bond / seal to edge of ALUCOBOND® can be achieved.



EDGE TREATMENT DETAILS

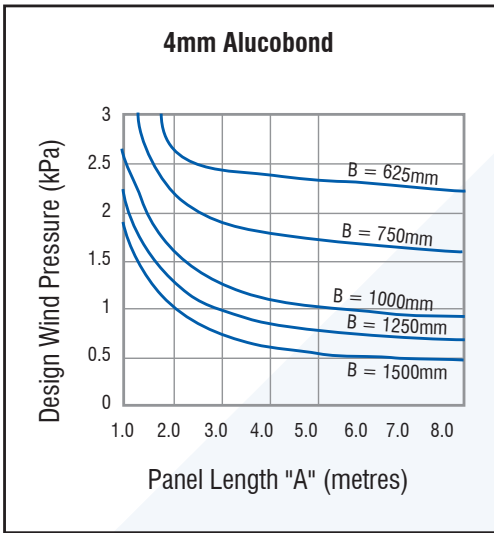
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2

Design Wind Load Graphs
- Maximum Panel Sizes

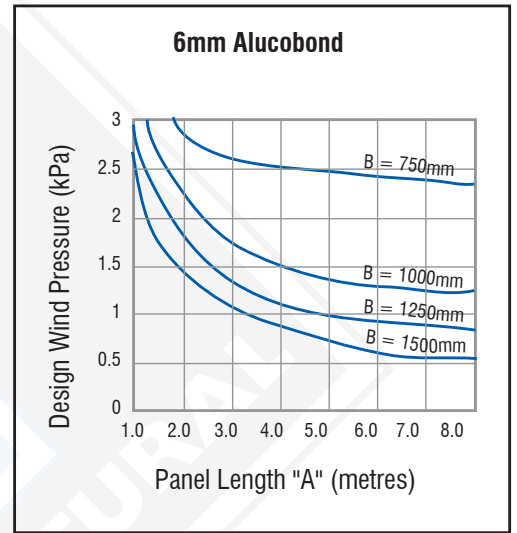
DESIGN WIND LOAD GRAPHS, MAXIMUM PANEL SIZES AND APPROXIMATE PANEL DEFLECTION FOR 4-EDGE SUPPORTED PANELS

1. Maximum Permissible Panel Sizes - For Panels Supported on 4 Sides



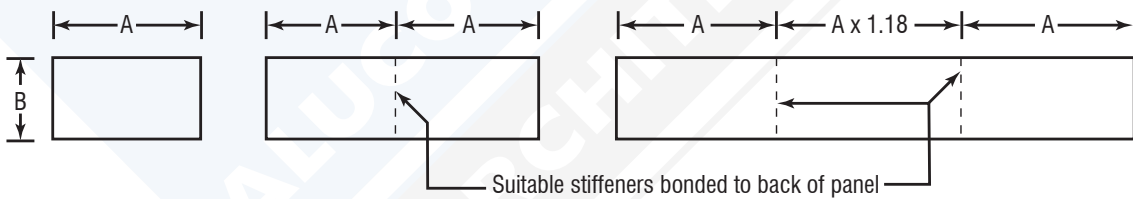
Graph no.1

Graphs no.1 and no.2 indicating maximum permissible panel lengths are based on the applicable design wind load (kPa) and required panel width (B). Maximum permissible bending stress = 55 MPa.

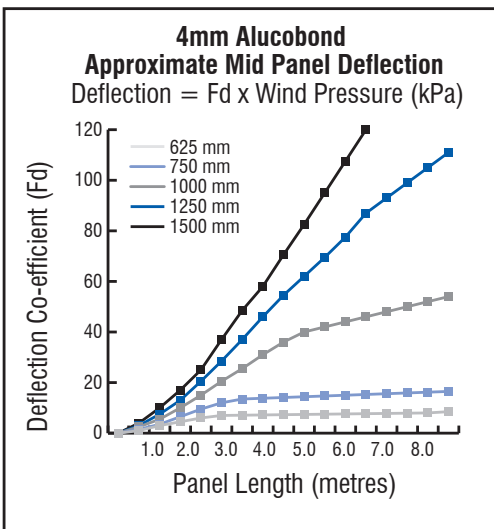


Graph no.2

2. Determination of Maximum Unsupported Panel Size

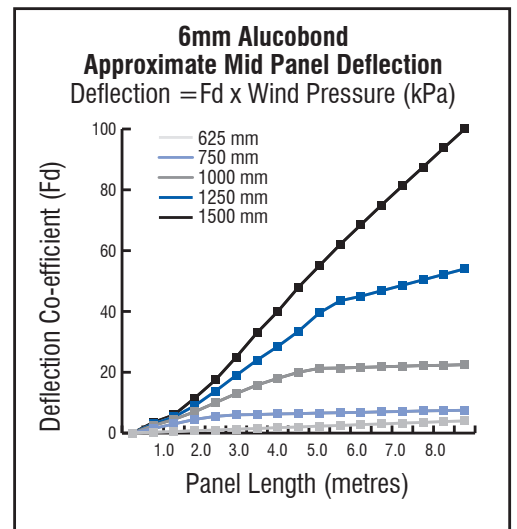


3. Approximate Mid - Panel Deflection for Panels Supported on 4 sides



Graph no.3

Graphs no.3 and no.4 indicating the approximate mid-panel deflection for different panel lengths and widths and are based on the results of extensive testing and research.



Graph no.4

ALUCOBOND'S DISTINCT ADVANTAGES MAKE SPECIFYING EASY

3

Aluminium
Extrusion Profiles

ALUCOBOND® ALUMINIUM EXTRUSION PROFILES

