

# 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**

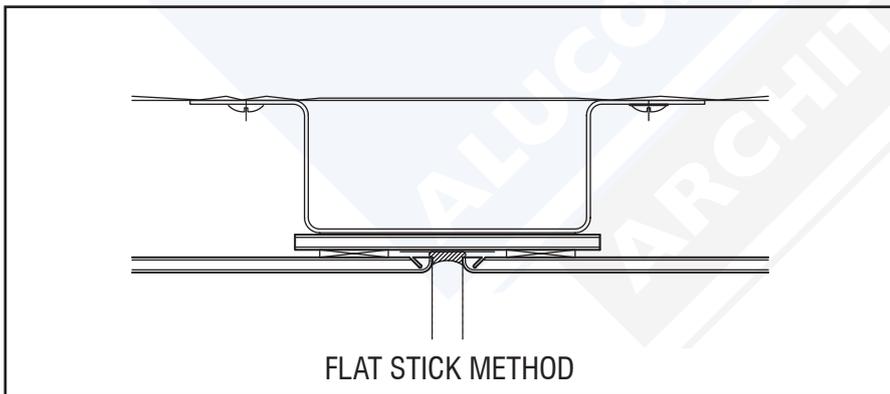
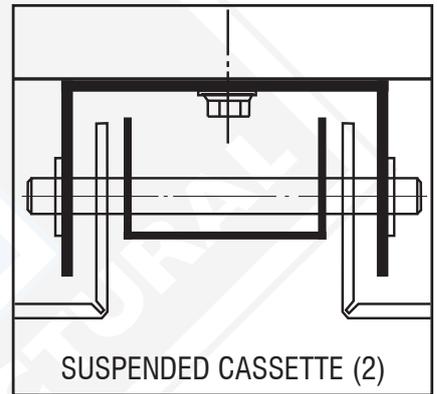
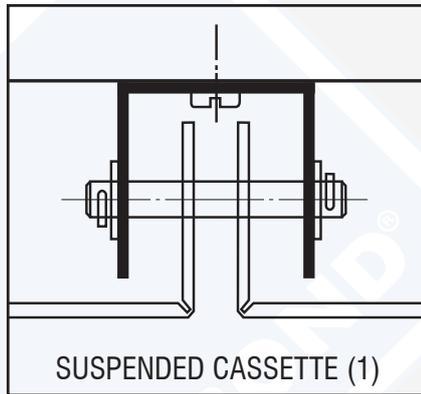
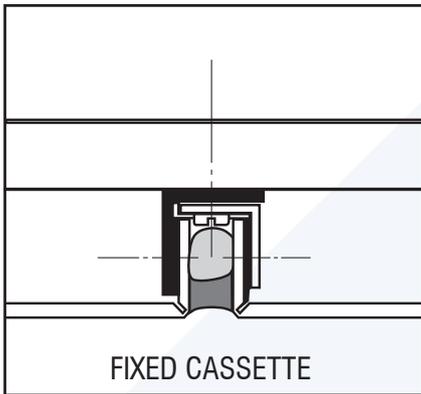
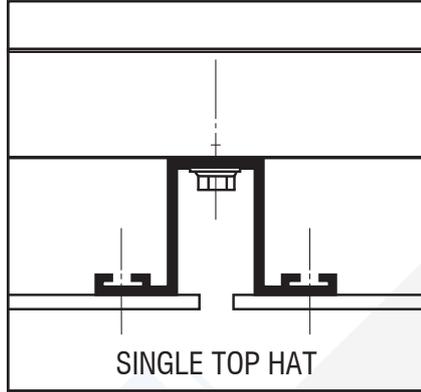
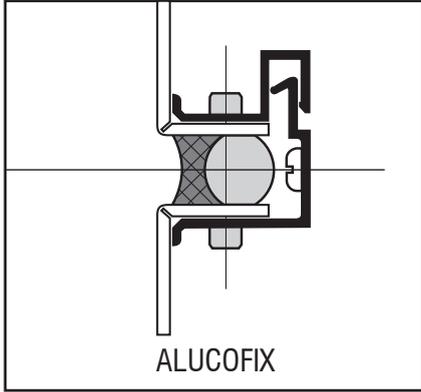
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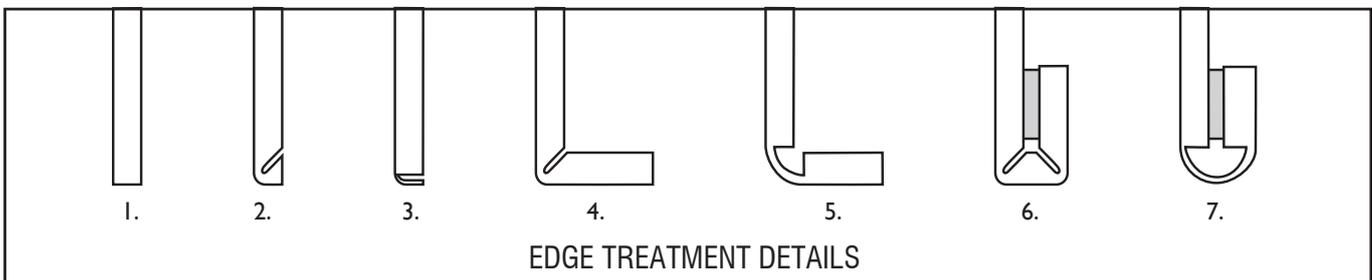
ALUCOBOND ARCHITECTURAL  
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# EXAMPLES OF SOME TYPICAL ALUCOBOND® CLADDING TECHNIQUES AND EDGE TREATMENT DETAILS



\*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.



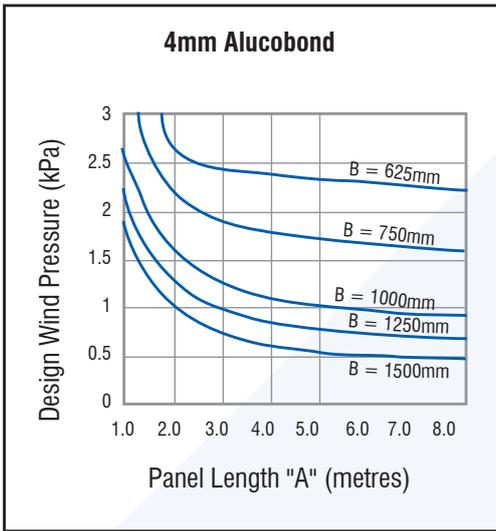
# ALUCOBOND'S DISTINCT ADVANTAGES MAKE SPECIFYING EASY

# 2

Design Wind Load Graphs  
- Maximum Panel Sizes

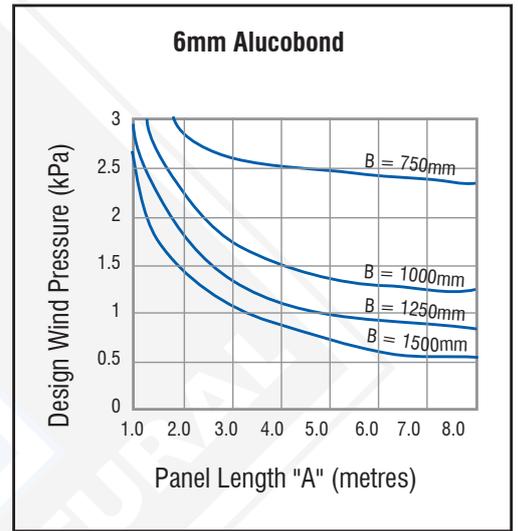
## DESIGN WIND LOAD GRAPHS, MAXIMUM PANEL SIZES AND APPROXIMATE PANEL DEFLECTION FOR 4-EDGE SUPPORTED PANELS

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



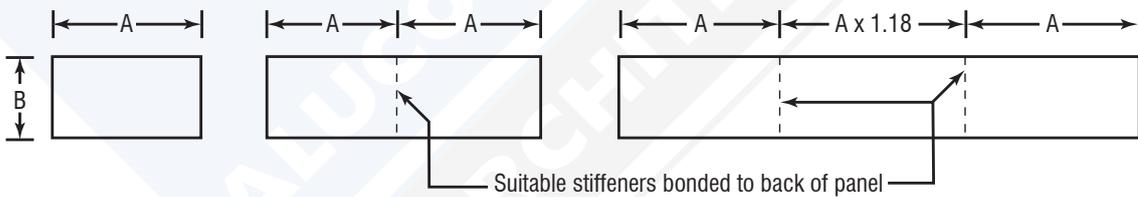
Graph no.1

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.

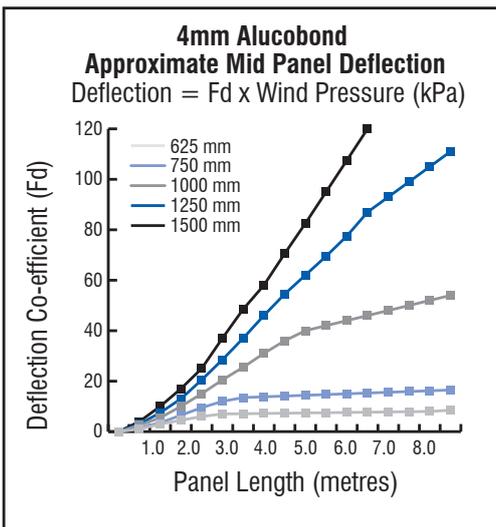


Graph no.2

### 2. Determination of Maximum Unsupported Panel Size

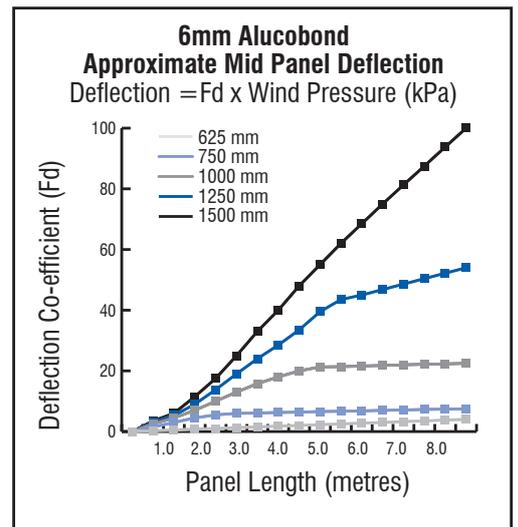


### 3. Approximate Mid - Panel Deflection for Panels Supported on 4 sides



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

