THERM A FRAME

THERMALLY BROKEN WINDOW AND DOOR SYSTEMS

Flush Glazed Framing

Alspec®
EVERYTHING | ALUMINIUM & HARDWARE
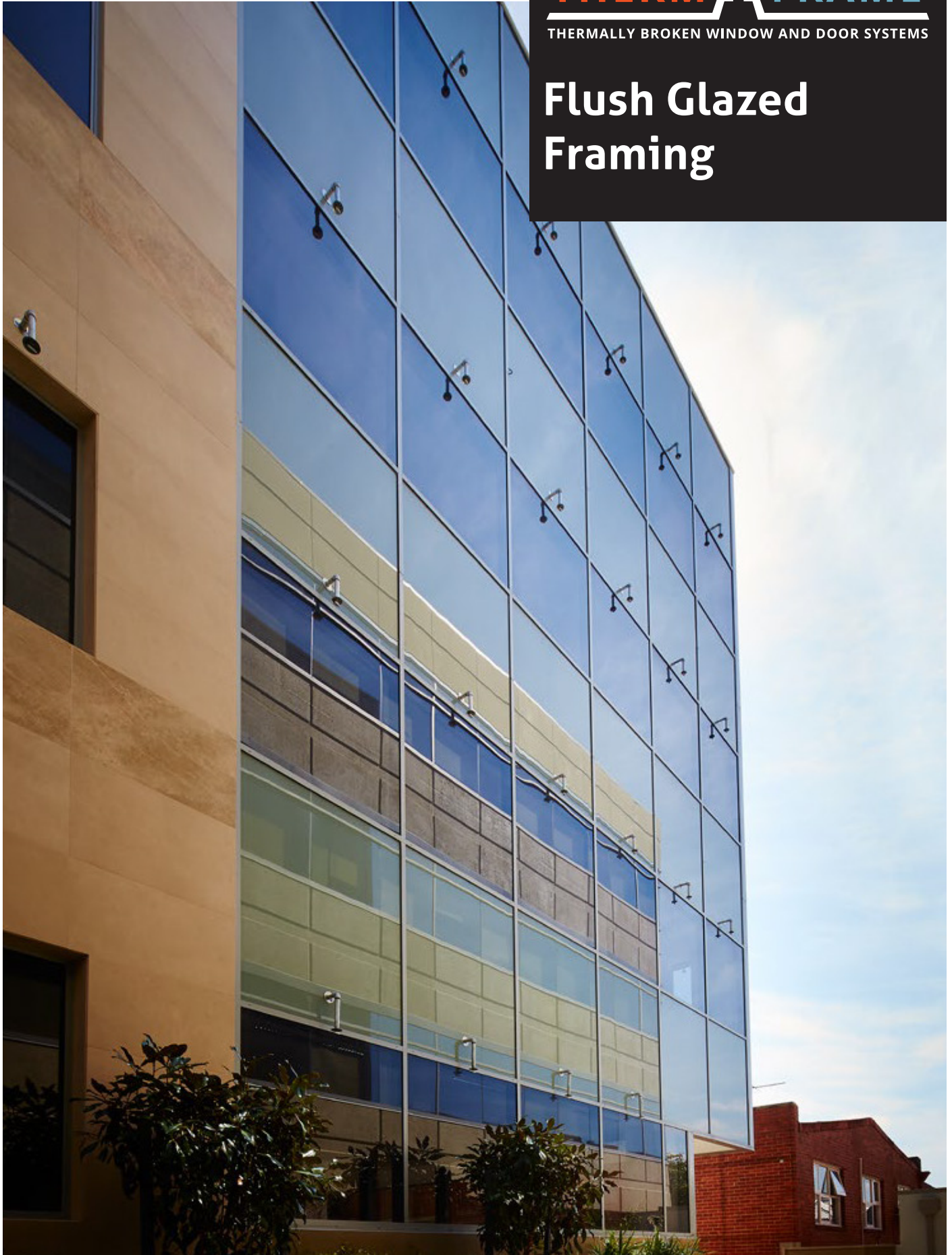
Flush Glazed Thermally Broken Framing

Alspec's ThermAFrame Flush Glazed system is a high performance energy efficient framing option that utilises the latest in European Polyamide Thermal Break technology.

Combined with Australian design principles this achieves the best possible results in energy rating in a system that is easy to fabricate and install. Its versatility allows countless specifications to be achieved, from standard shopfront applications through to low rise curtain wall applications. It has been designed to accommodate high performance double glazed units that can maximise the performance of the building envelope.

Available in two frame depths 101.6mm and 150mm x 60mm, ThermAFrame Flush Glazed allows architects to minimise the transfer of heat or cold across a window with a standard system.

With the use of heavy duty mullions the ThermAFrame 150mm Flush Glazed system with a myriad of mullion and reinforcing splice options can allow heights to reach and surpass 4.5m depending upon wind loading conditions.

| BAL-40 TESTED & COMPLIANT | AS2047 TESTED & COMPLIANT | THERMAL TESTED & COMPLIANT | ACOUSTICS TESTED & COMPLIANT | WINDOW ENERGY RATING SCHEME |

Key Features

- Glazing Pocket Design allows for insertion of optional accessories to reduce total window Uw values where required
- 38mm wide glazing pocket accepts double glazed options up to 32mm
- Thermally Broken Sub Framing designed to support heavy double glazed frames including the option of a two piece sub jamb for easier installation
- The glazing pockets are designed to allow for the installation of large IGUs and provides the required glass cover to comply with AS1288

- Secure glazing using fully captive backing gaskets to outside of window frame allows windows to be reg lazed from the inside
- Colour coded glazing wedges for ease of identification for glazing
- Available as internally or externally glazed
- Easily adapts to ThermAFrame 50mm Commercial Hinge Door and Awning Window as well as the SC95TT Sliding Door System

Technical Specifications

Frame Dimensions	
Option 1	101.6 x 60mm
Option 2	150 x 60mm

Maximum Recommended Sizes	101.6 x 60mm	150 x 60mm
Height	4200mm	4500mm
Width	2400mm	2400mm

Maximum Product Performance	101.6 x 60mm	150 x 60mm
SLS (Pa)	1800	3000
ULS (Pa)	4000	5200
Water (Pa)	700	700

Thermal Performance	101.6 x 60mm	150 x 60mm
Uw range DG	1.8 - 2.71	.8 - 2.9
SHGC range DG	0.30 - 0.63	0.30 - 0.63

Glazing Details (both)	
Glass Position	Front
Single Glazed	6 - 14.52mm
Double Glazed	16 - 32mm

Acoustic Performance (Rw ($C;C_{tr}$))	101.6 x 60mm	150 x 60mm
6.38/12/ 6.38mm IGU	37 (-2,-6) dBN	/A
10.38/12/ 6.38mm IGU	N/A	39 (-1,-4) dB

Compatible Systems
Thermally Broken Awning & Casement Window
Thermally Broken 50mm Commercial Hinge Door
AluK SC95TT Sliding Door System

101.6mm

150mm

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