

THERM A FRAME[®]

THERMALLY BROKEN WINDOW SYSTEMS

Flushed Glazed Framing

**PROVIDES ENERGY-EFFICIENT INTERIOR
TEMPERATURES ALL YEAR ROUND.**

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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.

Glazing could not be simpler with the colour coded wedges from standard Alspec systems being utilised to deal with the many diverse glass options.

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.

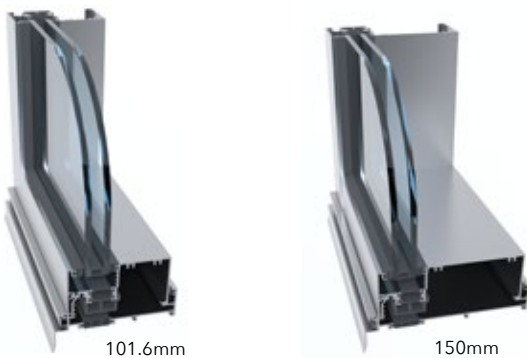
Subsills are recommended for optimum weathering with all ThermAFrame systems.

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 - 2.7	1.8 - 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 ₁ ;C ₂))		
	101.6 x 60mm	150 x 60mm
6.38/12/6.38mm IGU	37 (-2,-6) dB	N/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		

CAD Cross Sections



101.6mm

150mm

Key Features

- Glazing Pocket Design maximises energy performance
- Glazing Pocket Design allows for insertion of optional accessories to reduce total window Uw values where required
- Excellent 'Uw' values down as low as 1.9
- 101.6mm and 150mm x 60mm Framing System
- 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
- Thermally Broken Hinge Door Threshold also available
- 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 reglazed 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

