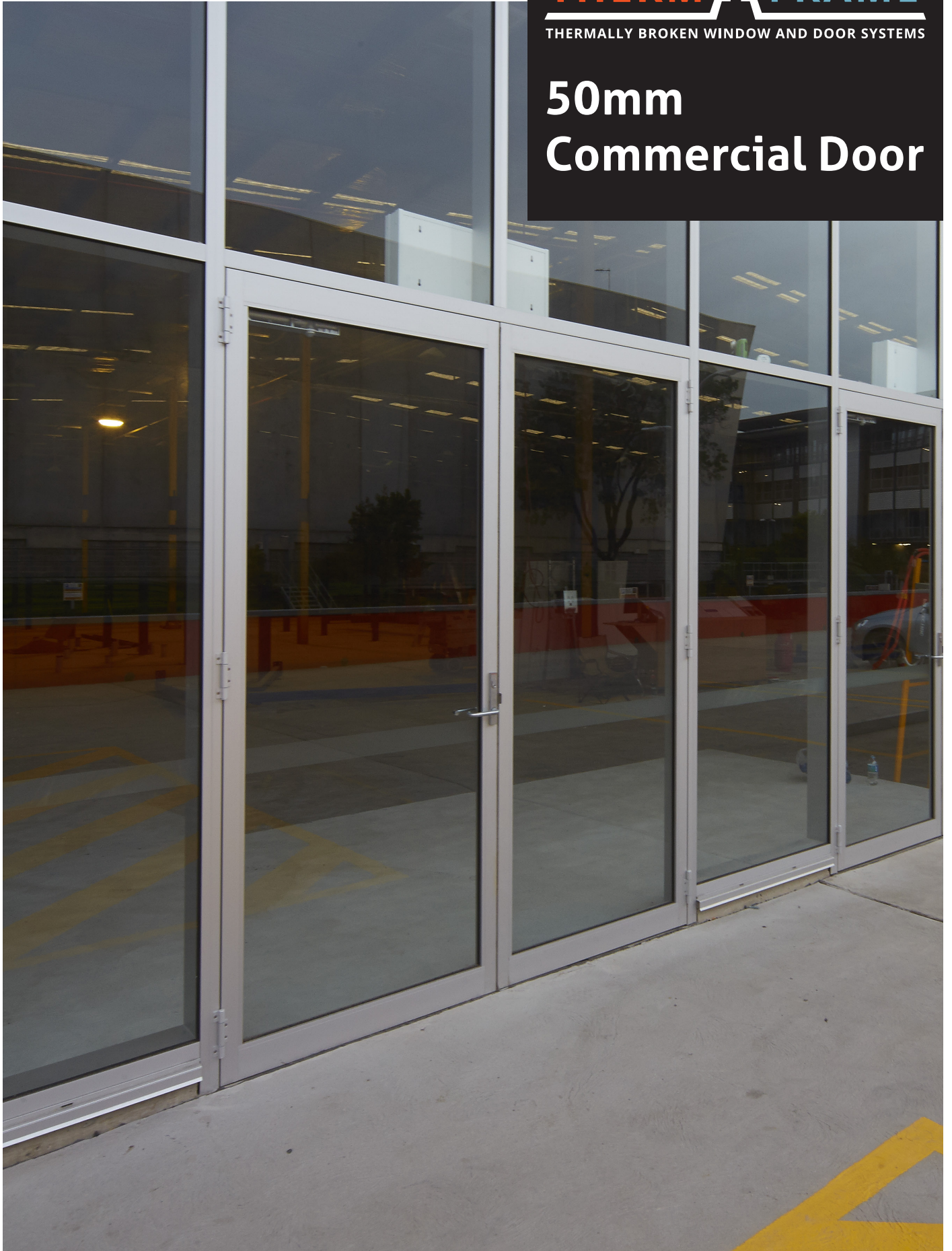


THERM A FRAME
THERMALLY BROKEN WINDOW AND DOOR SYSTEMS

50mm Commercial Door



Thermally Broken 50mm Commercial Door

Alspec's ThermAFrame 50mm Commercial Door is an energy efficient option that utilises the latest in European Polyamide Thermal Break technology.

Available in a 50mm Door width featuring a 'double wishbone' Thermal Break design the ThermAFrame Commercial Door allows architects to minimise the transfer of heat or cold across a door 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.

Featuring optional top and bottom seals for increased performance the ThermAFrame Commercial Door is the preferred choice where superior weather performance is required.



Key Features

- Excellent 'Uw' values down as low as 2.3
- Utilises a strong 'Double Strut' thermal break construction for maximum strength in the door panel
- 38mm wide glazing pocket accepts double beaded rolls in both sides
- Colour coded glazing wedges ranging from 3mm to 7mm in one mm increments
- Heavy Duty Aluminium Hinges designed for use with the system
- Stronger sash achieved through the use of custom designed corner clamp spigot
- Door can be installed as either Hinged, Pivot or Sliding
- Integrates with ThermAFrame Centre Pocket and Flush Glazed Systems

Technical Specifications

Frame Dimensions		Thermal Performance		Compatible Systems	
Option 1	Width 50mm	Uw range DG	2.3 - 3.0	101.6mm Centre Pocket Thermally Broken Framing	
Maximum Recommended Sizes		SHGC range DG	0.22 - 0.44	150mm Centre Pocket Thermally Broken Framing	
Height	3000mm (hinged)	Glazing Details		101.6mm Flush Glazed Thermally Broken Framing	
Width	1100mm (hinged)	Double Glazed	20 - 32mm	150mm Flush Glazed Thermally Broken Framing	
Weight	Dependent on hardware	Acoustic Performance (Rw (C;C _{tr}))			
Sash SQMs	3	10.38/12/6.38mm IGU		36 (-1,-3) dB	
Maximum Product Performance					
SLS (Pa)	1400				
ULS (Pa)	3000				

