

## Insulbreak®

Manufactured with a patented closed-cell foam structure sandwiched by highly reflective foil surfaces, Insulbreak® is the latest in fibre-free, non-allergenic insulation technology from AIR-CELL Insulation.

### Applications

- FRAMECAD Insulbreak® reduces thermal bridging and conductivity between the external wall cladding and the FRAMECAD Steel Frame. Insulbreak® achieves a minimum thermal break of R0.2, as required by many building authorities.
- FRAMECAD Insulbreak® is suitable for both residential and commercial applications, from townhouses and villa's through to worker accommodation and apartments.

### Features & Benefits

- Three products in one - acts as a thermal break, insulation, and vapour barrier in one product.
- Quick and easy to install - saves time and helps reduce labour costs.
- Tough, strong, durable - rated Extra Heavy Duty.
- Waterproof and unaffected by moisture - ideal in humid climates and protects your walls from water damage.
- Fibre-free, non-allergenic, non-itchy - poses no health and safety risk and is non-asthmatic.
- Insulbreak® will not promote the growth of fungi or bacteria.
- Rodent and insect resistant - does not provide a nesting medium for rodents and insects.



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SPECIFICATIONS		
Property	Insulbreak® 40	Insulbreak® 80
Reflectance - Anti-Glare Face	92%	92%
Reflectance - Reflective Face	97%	97%
Emittance - Anti-Glare Face	E0.08	E0.08
Emittance - Reflective Face	E0.03	E0.03
Material Thermal Resistance	R0.2	R0.25

FIRE RATINGS		
Index	Rating	Value
Reflectance - Anti-Glare Face	2	AS 1530.2
Reflectance - Reflective Face	0	AS 1530.3
Emittance - Anti-Glare Face	0	AS 1530.3
Emittance - Reflective Face	0	AS 1530.3
Material Thermal Resistance	1	AS 1530.3

PRODUCT TESTING		
Thermal Performance		AS/NZS 4859.1
Corrosion Resistance		AS/NZS 4859.1 Appendix 1
Thermal Resistance		ASTMC518
Emittance		ASTM-E408
Dry Delamination	Pass	AS/NZS 4201.1 Method 1
Wet Delamination	Pass	AS/NZS 4201.1 Method 2
Shrinkage		AS/NZS 4201.3 Method 3
Water Barrier		AS/NZS 4201.4
Vapour Transmission		ASTM-E96
Edge Tear		AS 4200.1 6.1.3
Burst Force	2.7kn	Wet Delamination

ROLL SIZES					
Type	Thickness (mm)	Roll Length (m)	Roll Width (mm)	Area (sqm)	Roll Weight (kg)
Insulbreak® 40F	4	33.4	1350	45	10
Insulbreak® 80F	8	22.5	1350	30	10

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