

FOIL BOARD[®]

INSULATION PANEL



Foilboard[®] Australia Pty Ltd
is the owner of:

Registered Trademark:

No 674507

Registered Design:

No 142133

SUMMARY & GUARANTEE

SUMMARY OF 'R' VALUES

SYSTEM	REF NO#	APPLICATION	PRODUCT	HEAT FLOW OUT	HEAT FLOW IN
RESIDENTIAL WALLS					
	1	Brick Veneer Wall	Ultra 20	R2.6	R2.6
			Super 15	R2.2	R2.2
			Standard 10	R1.8	R1.8
	2	Cladded Wall	Ultra 20	R2.4	R2.4
			Super	R2.0	R2.0
	3	Double Brick	Super 15	R2.2	R2.2
			Standard 10	R1.8	R1.8
UNDERFLOOR					
	4A	Floor Saddle	Super 15	R2.6	R1.3
			Standard 10	R2.2	R1.2
	4B	Retro Fit	Super 15	R3.5	R1.5
			Standard 10	R3.1	R1.3
CONCRETE SYSTEMS					
	5	Wall Single Airspace -	28mm Batten	Ultra 20	R1.8
			28mm Batten	Super 15	R1.6
			28mm Batten	Standard 10	R1.4
			16mm Batten	Ultra 20	R1.5
			16mm Batten	Super 15	R1.3
	6	Ceiling Single Airspace -	28mm Batten	Ultra 20	R1.5
			28mm Batten	Super 15	R1.3
	7	Wall Dual Airspace -	28mm Batten	Ultra 20	R2.3
			28mm Batten	Super 15	R2.2
			28mm Batten	Standard 10	R2.0
			16mm Batten	Ultra 20	R2.1
			16mm Batten	Super 15	R1.9
	8	Ceiling Dual Airspace -	28mm Batten	Ultra 20	R2.0
			28mm Batten	Super 15	R1.8
			28mm Batten	Standard 10	R1.6
	11	Concrete Floor	Ultra 20	R2.8	R1.8
			Super 15	R2.8	R1.6
CEILING SYSTEMS					
	9A	Cathedral Roof	Cathedral 25	R2.5	R3.0
			Ultra 20	R2.3	R2.7
	9B	Cathedral Roof - Retrofit	Super 15	R3.2	R4.0
	10	Factory / Shed Roof	Cathedral 25	R1.9	R4.0
			Ultra 20	R1.7	R3.5
			Super 15	R1.5	R3.0
	11	Factory / Shed Wall	Ultra 20	R1.6	R1.6
			Super 15	R1.2	R1.2

GUARANTEED 'R' VALUES

Whether for a small house or a multi-million dollar project, ACCURATE insulation "R" values are essential in making decisions that affect energy costs and comfort.

FOILBOARD[®] INSULATION PANEL values have been calculated by an independent laboratory, checked by another Thermal Engineer and then submitted to the Building Regulations Advisory Committee for evaluation. The R-Values shown are Total R-Values for the building system and are based on independent computations using proven data. Values are based on product in in-service condition in accordance with AS/NZS 4859.1:2002.

Careful consideration of your insulation system can drastically reduce your heating and cooling costs. Accreditation enables your private or Council Building Surveyor to quickly ascertain that your project complies with current regulations thus avoiding costly delays.

All the "R" values shown in:

RED are for **HEAT FLOW OUT** and are calculated to a DELTA T of 6: Indoors 18°C, outdoors 12°C (6K difference), mean 15°C

BLUE are for **HEAT FLOW IN** and are calculated to a DELTA T of 12: Indoors 24°C, outdoors 36°C (12K difference), mean 30°C

THE SMARTER WAY TO INSULATE

SAVES MONEY
SAVE ON ENERGY BILLS

EXCELLENT PERFORMANCE
GUARANTEED R VALUES

NO GAPS
ELIMINATES THERMAL BRIDGING

CLEAN & SAFE
EASY TO HANDLE
NO HARMFUL FIBRES

WEATHERPROOF
WILL NOT DELAMINATE
IMPERVIOUS TO MOISTURE

ACCREDITATION
NO DELAYS BY AUTHORITIES

WILL NOT SAG
MAINTAINS COVERAGE FOR
LIFE OF THE BUILDING