



All Round Australian Insulation for Ceilings, Roofs, Walls & Floors

Original concertina design with unique zigzag profile has many applications. Under hot roofs, reduces 80°C radiation loads in attics and on airconditioning ductwork.

CONCERTINA FOIL BATTS™

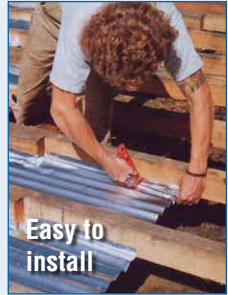


THE RADIANT HEAT BARRIER

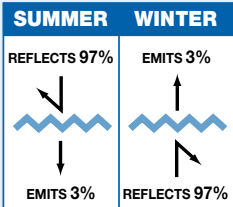
For enquiries:
 Austwide: (03) 9532 5855
 Displays at major building centres
 www.concertinafoilbatts.com



Aluminium Concertina FOIL BATTS, laid directly over existing bulk insulation, easily installed, without stapling. Downward triangular airspaces constantly reducing summer radiation.



Basic properties of double-sided aluminium foil against radiant heat



- Stops summer radiant heat
- Reflects 97% - Emits 3%
- Reduces ceiling temperatures
- Reduces cooling costs
- Vermin free & fire safe
- Compact, lightweight, easy to store and transport
- Safe, clean, non-irritant



Airspace formed with house wrap foil - approx 3% summer heat emitted. Fibre batts touch foil and conduct summer heat.

DUCTWORK

Concertina Foil Batts provide a radiant barrier around air-conditioning ductwork reducing cooling costs

TIMBER FLOOR (ground)

Enclosed building perimeter (e.g. brick veneer) and one FOIL BATT between floor joists
 Winter = Total R3.0 heat flow down
 Summer = Total R1.5 heat flow up

CEILING

FOIL BATTS laid over R2.5 bulk insulation (timbers visible) and foil sarking under metal roof
 Summer = Total R4.9 heat flow down
 Winter = Total R4.4 heat flow up

WALLS

Brick Veneer or Clad Wall Outer wrap of FOIL (double-sided anti glare) and one FOIL BATT between studs
 Winter = Total R2.6 heat flow out
 Summer = Total R2.3 heat flow in

CONCERTINA FOIL BATTS – PRICE LIST

May 1, 2016

WALLS (HEIGHT)	FOIL BATTS		NO. PER PACK	WEIGHT (kg)	M ² COVERAGE PER PACK – EXPANDED – (INCLUDES TIMBERS)	RETAIL PRICE (AUSTRALIA)		+ GST	
	PACK HEIGHTS (mm)	CENTRES (mm)				PER M ² (approx)	PER PACK		
2400	1200	450			13.50#				
	1200	600			18.00#				
2400 AND 2550-2700	1350	450*	25	3.00	15.20	\$6.72	\$102.14		
	1350	600	25	4.00	20.25	\$6.72	\$136.08		
FLOORS (P) PERFORATED FOR DRAINAGE	1350	450(P)	25	3.00	15.20	\$6.72	\$102.14		
CEILINGS 600 CENTRES	1350	425	30	3.50	17.20	\$6.72	\$115.58		
STAPLER	Lightweight plastic gun + 5000 galvanised staples (ALLFIX 20S-8mm Tel: 1300-255349 *alternate ARROW JT21)						\$25.00		

* Suitable for RETROFIT existing floors

for calculating 2.4m wall height

CONCERTINA FOIL BATTS – QUANTITY GUIDE *SEE INSTALLATION INSTRUCTIONS

WALLS (expanded)	FLOORS (expanded)	A) CEILINGS (laid △)	B) ROOFS - CEILINGS (expanded)
1. Check wall height and stud centres	1. 1350 x 450 (P) • made to order 600 (P)	1. 1350 x 600 – 450 & 900 centres 1350 x 425 – 600 centres	1. 1350 x 450 – 450 centres 1350 x 600 – 600 centres
2. Wall area less doors & windows = Net Area (m ²)	2. Floor area + 5% overlapping = Net Area (m ²)	2. Ceiling area + 1/3 extra = Net Area (m ²)	2. Surface area + 5% overlapping = Net Area (m ²)
Number of packs required = Net Area (m²) divided by coverage per pack (m²)			

A) FOIL BATTS - LAID between ceiling joists over existing fibrous insulation or directly on ceiling. Unique △ triangular airspaces are formed with upward reflective surfaces and constant low emitting downward foil surfaces in summer. Allow 1/3 more material to create triangular airspaces.

- 450 centres – use 1 1350x600 size (end to end overlaps)
- 600 centres – use 2 1350x425 size (end to end overlaps + side by side overlaps)
- 900 centres – use 2 1350x600 size (end to end overlaps + side by side overlaps)

B) FOIL BATTS - EXPANDED and stapled taut between roofing or ceiling rafters.

RENSHADE – PERFORATED ALUMINIUM FOIL FOR WINDOWS

1.35 x 5 / 10 / 20m	\$14.35/m ²	=	\$97 / \$194 / \$388	PER ROLL + GST
40 Velcro spots per 5m roll – \$5 per packet		BLIND MANUFACTURE – contact Wren for referral names		

WREN INDUSTRIES A.B.N. 35 053 019 202

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*Founding Member AFIA - Aluminium Foil Insulation Assoc. Inc (Vic.1998)

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