

About the tables

The data in the following tables was supplied by the manufacturer, importer or distributor of each product. Missing data in particular columns does not necessarily imply that the information is not available, just that the data was not supplied. Contact suppliers for more detailed information on particular products. Some prices are quoted inc and some ex GST, and exclude installation costs; please check with suppliers.

Table 1. Insulation.

Company/Brand	Product	Material	Used for	R rating	Insulation thickness when installed	Supplied as	Price per pack	Price per m ²	Recyclability/sustainability	Supplier comments
Ametalin ph:(08) 8347 0941 info@ametalin.com www.ametalin.com	SilverBatts™ WaveCoreMAX™	Multi-layered reflective foil batts	Residential, commercial and warehouse roofs and walls	R2 to R6	50 mm	1200 mm x 450 mm	Available upon request			Ideal for installation over bulk insulation in ceilings to prevent radiant heat transfer. Used for warehouses, sheds, factories, portables, typical concrete block cavity clay masonry walls
	SilverBatts™ Triple Layer Commercial	Multi-layered reflective batts	Under concrete slab soffits in commercial and multi-unit residential buildings	Depends on ceiling design. No suspended ceiling R1.4 to R2.6, 200 mm suspended ceiling R1.9 to R4.4, 600 mm to 1000 mm suspended ceiling R1.9 to R5.3	50 mm	450 mm x 1200 mm x 50 mm				Double-sided reflective panelling creates two reflective air spaces in ceiling, increasing R value of building system. Has paper backing on one side, which enables it to be adhered under concrete slabs, timber floors etc
	Pleated SilverBatts™ Wall Insulation	Double-sided reflective expandable wall insulation	Enhanced thermal performance in walls. Installed between studs to create multiple reflective air spaces and high total system R values	R2 to R4 depending on cavity space and building material.		450 mm x 1200 mm 600 mm x 1200 mm				Fibre-free, non-allergenic alternative to bulk insulation for walls. Permanent performance; will not sag or lose effectiveness over time. High total system R values. Use multiple Pleated SilverBatts™ or use in conjunction with a reflective wall wrap to create additional reflective air spaces and increased R value
	Ametalin ThermalBreak 8 PLUS™ Thermal Reflective Insulation	Double-sided reflective insulation chemically cross-linked, closed-cell high-density polyethylene (XPE) foam with aluminium foil laminates to both sides	Residential and commercial roofs and walls. Meets NCC/BCA requirements for in-situ R0.2 thermal break in steel-framed construction. Suitable for use in bushfire-prone areas	RL9 to R4.5	8.0 mm	1350 x 22.25 rolls with 150mm flap for full 30m ² coverage	Available at major hardware stores.			Three-in-one reflective insulation, thermal break and medium vapour barrier
	Ametalin ThermalBreak 7™ Thermal Reflective Insulation	Double-sided reflective insulation, chemically cross-linked, closed-cell high-density polyethylene XPE foam with aluminium foil laminates to both sides	Residential and commercial applications, especially steel framed construction. Meets NCC/BCA requirements for in-situ R0.2 thermal break in steel-framed construction. Suitable for use in bushfire-prone areas	RL9 to R4.5	7.8 mm	1350 mm x 22.25m rolls with 150 mm flap for full 30m ² coverage				Three-in-one reflective insulation, thermal break and medium vapour barrier. An economical option
	Ametalin ThermalBrane 4™ Thermal Reflective Insulation	Double-sided reflective insulation, chemically cross-linked, closed-cell high-density polyethylene XPE foam with aluminium foil laminates to both sides	Residential and commercial roofs and wall applications. Ideal for DIY projects, sheds and carports. Suitable for use in bushfire-prone areas	R0.9 to R4.5	4.0 mm	1500 mm x 20 m				Three-in-one reflective insulation, thermal break and medium vapour barrier. Ideal for DIY
	SilverSark® xR Extra R value Roof Sarking / Wall Wrap	Double-sided reflective insulation	Extra R value, multi-purpose sarking for use in tiled roofs, metal roofs and as a premium wall wrap. Suitable for use in bushfire-prone areas	Extra R value RL2 to R3.9		1350 mm x 60m, 1350 mm x 30m, 1500 mm x 30m				Extra R value to achieve increased total system R values. Typically used in commercial and residential buildings where a thermal break is not required
	SilverSark® Roof Sarking / Wall Wrap	Single-sided reflective insulation	Multi-purpose sarking for use in roofs and walls. Suitable for use in bushfire-prone areas	RL to RL3		1200 mm x 60m, 1350 mm x 60m, 1350 mm x 30m, 1500 mm x 60m, 1500 mm x 30m				Superior strength, durability and tear resistance. An economical option
	Brane® VHP Very High Permeance Wall Wrap	Very high permeance non-woven polymer fabric	High water barrier, low vapour barrier, permeable membrane/wall wrap for use behind fibre cement and timber cladding in most Australian climates: NCC/BCA Zones 2-8*	-		1370 mm x 30m, 2740 mm x 30m				*For optimal moisture management in the Wet Tropics climate zone 1 and humid tropical regions north of the Tropic of Capricorn in climate zone 2, high water barrier, medium vapour barrier is recommended instead; please check the cladding manufacturer's requirements before installation
	SilverSark® xR Breather Wall Wrap	Micro-perforated double-sided reflective insulation	Ideal for typical brick veneer and double brick cavity walls. Suitable for use in bushfire-prone areas	RL8 to R3.9		1350 mm x 30m				Semi-permeable building membrane. Micro-perforated for superior water hold-out. Extra R value, increases total system R value in walls up to R0.4 compared to single-sided reflective breather wall wraps
	SilverWrap™ Wall Wrap	Single-sided reflective insulation	Medium duty wall wrap for commercial and residential applications. Suitable for use in bushfire-prone areas			1350 mm x 30m, 1350 mm x 60m, 1500 mm x 60m				High water barrier, medium vapour barrier. Effective barrier against wind, rain and dust
	SilverWrap™ Breather Wall Wrap	Micro-perforated single-sided reflective insulation	Medium duty breather wall wrap for commercial and residential building applications. Typically used beneath timber cladding direct to stud and cavity walls. Suitable for use in bushfire-prone areas			1350 mm x 30m, 1350 mm x 60m, 1500 mm x 60m				Semi-permeable building membrane
	SilverFloor™ Underfloor Insulation	Double-sided reflective insulation with weepholes	New and retro timber floors	R3.6, RL5		500 mm x 60m, 1200 mm x 60m, 1500 mm x 60m				Weepholes for water drainage. Reduces draughts through strip flooring. Quick and easy installation, ideal for new homes or existing homes
	Ametalin Cavity Spacers	Cross linked polyethylene foam with adhesive backing.	Used to achieve and maintain reflective air spaces between reflective insulation and the adjacent material in your construction system			60 mm x 60 mm x 20mm, 50 pieces per pack				Typically used in double-brick cavity walls, warehouse and lightweight cladding direct to stud walls
	Ametalin Insulation/Ducting Tape	Biaxially oriented polypropylene (BOPP)/acrylic pressure-sensitive adhesive	Taping joins to roof sarking, wall wraps, floor insulation. Also ideal for use on air conditioning ducting and as an all-purpose tape for boating and camping			50 mm x 50m				Superior performance over a wide range of temperatures and environmental conditions. Can be applied to damp non-porous surfaces. Applies easily to temperatures as low as -54 °C to 100 °C
	Ametalin Reinforced Insulation/Ducting Tape	Aluminium foil /scrim/acrylic pressure-sensitive adhesive/liner	Taping joins to roof sarking, wall wraps, floor insulation, also ideal for use in HVAC. 75mm wide complements thicker foam core products			75 mm x 50m				High performance over a wide temperature range -30 °C to 120 °C. Reinforced for superior strength and flexibility. Higher adhesion than traditional cloth tapes
Ametalin Double-sided Insulation Fixing Tape	Acrylic pressure-sensitive adhesive/polyester/acrylic pressure-sensitive adhesive/liner	Installing pliable building membranes and permeable membranes to steel-framed construction			38 mm x 50m				High performance over a wide temperature range -40 °C to 100 °C	

Table 1. Insulation (continued).

Company/Brand	Product	Material	Used for	R rating	Insulation thickness when installed	Supplied as	Price per pack	Price per m ²	Recyclability/sustainability	Supplier comments			
Australasian Insulation Supplies 56 Cutler Rd Jandakot WA 6164 ph:(08) 9417 9494 customerservice@ais-group.com.au www.ais-group.com.au www.comfortwall.com.au	ROCKWOOL Rockfon	Mineral wool	High-end acoustic wall and ceiling face panels	N/A	Product range of 20mm to 70mm	Panels 1200mm x 600mm	Prices available on request		100% renewable resource, spun from volcanic rock	Can be installed to almost any surface for high levels of sound control			
	ROCKWOOL SafeNSilent	Mineral wool	High-end wall, ceiling and floor acoustic batts	N/A	64mm, 75mm and 90mm	Batts 1200mm x 600mm			100% recyclable	Very high density and high acoustically performing batt			
	ComfortWall Cavity Insulation	Mineral wool	Acoustic, fire, thermal and moisture in cavity walls	R1.35 to R2.5	Product range from 50mm to 96mm	Installed product			Landfill-friendly	Protects homes from heat, cold, noise, fire and moisture			
Autex P/L Melbourne ph:(03) 9457 6700 Sydney ph:(02) 9756 3122 Perth ph:(08) 9355 1911 Queensland ph:(07) 3853 2600 sales@autex.com.au www.autex.com.au	Greenstuf Thermal and Acoustic Batts	Polyester	Thermal and acoustic insulation	R1.5		Batts	Prices available on request		Greenstuf products are Declare-certified. Autex is committed to quality and environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems	User-friendly, non-irritant, non-allergenic, odourless, non-toxic, recycled and recyclable. Easy installation; can be torn along the length. Long-term stability and performance 50+ years rating			
	Roofing Blankets, foiled or unfoiled			R2									
				R2.5									
				R3									
				R3.5, R4.0, R4.5									
				50mm									
Autex Sound Blankets (ASB)	Polyester	Acoustic insulation	ASB2: 50mm		16.5m x 610mm, two rolls per pack, to cover 10m ²	Prices available on request			Acoustic insulation with reasonable thermal properties.				
			ASB3: 65mm										
			ASB4: 75mm										
			ASB5: 85mm										
Autex Absorption Batts/or Blanket (AAB)	Polyester: white/black		AAB14: Up to R1.6		25mm, 50mm, 75mm, 100mm	Prices available on request			Acoustic insulation with reasonable thermal properties. Cut to size to suit project. Items per pack and coverage dependent on thickness and weight				
			AAB20: R0.56 to R2.24										
			AAB32: R0.66 to R2.64										
			AAB48: R0.73 to R2.94										
Greenstuf Underfloor	Polyester	Thermal insulation	R1.5, R2.0, R2.5	100mm to 120mm	Three rolls per pack to cover approx 17m ²	Prices available on request			User-friendly, non-irritant, non-allergenic, odourless, non-toxic, recycled and recyclable. Easy installation; can be torn along the length. Long-term stability and performance 50+ years rating				
Azelia Insulation Pty Ltd ph:(03) 9792 2524 info@insulfuf.com www.insulfuf.com.au	Insulfuf	100% recycled cellulose	Ceilings	R2.5 to R5.0		Loose-fill blown in	Call for pricing			Certified to AS 4859.1, 100% coverage, no gaps			
	Polyester Batts	Approx 60% recycled polyester	Floors, walls and ceilings	R1.5 to R4.5		Various sizes available							Supply or supply and install
	Glasswool Batts	Up to 70% recycled glass		R1.3 to R6.0									
Cool or Cosy Natural Insulation ph:(08) 8352 5588 www.coolorcosy.com.au	Cool or Cosy is yet to supply information for the guide. For an updated listing of their products, see their website.												
CSR Bradford ph:1300 850 305 www.bradfordinsulation.com.au	Bradford Black insulation	Glass wool batts	Ceilings and walls	R2.5, R4.1		1160mm x 430mm, 1160mm x 580mm	To find a supplier go to 'stockist lookup' on website			Low-allergen insulation that is safe to use in the homes of allergy and asthma sufferers. Sustainably made with renewable materials and natural organic binder			
	Bradford Gold Wall insulation	Glass wool batts	Walls	R1.5, R2.0, R2.5, R2.7		1160mm x 430mm, 1160mm x 580mm							
	Bradford Gold Ceiling insulation	Glass wool batts	Ceilings	R2.5, R3.0, R3.5, R4.1, R5.0, R6.0, R7.0		1160mm x 430mm, 1160mm x 580mm							
	Bradford SoundScreen	Glass wool batts	Acoustic insulation	R1.7, R2.0, R2.5, R3.1		1160mm x 430mm, 1160mm x 580mm							
	Bradford Optimo	Glass wool batts	Underfloor insulation	R2.1, R2.5		1160mm x 430mm, 1160mm x 580mm							
	Bradford Anticon	Glass wool blanket with foil facing	Metal roof insulation	R1.3, R1.4, R1.8		Roll sizes of 1200mm x 15m, 1200mm x 20m							
	Bradford Polymax Thermal	Polyester batts	Ceilings and walls	R1.5, R2.0, R2.5, R3.0, R3.5, R4.0		1160mm x 430mm, 1160mm x 580mm							
	Bradford Polymax Acoustic	Polyester batts	Acoustic insulation	R1.5, R2.0, R2.5		1160mm x 430mm, 1160mm x 580mm							
	Bradford Thermoseal Wall Wrap XP	Reflective foil laminate	Walls - thermal contribution	Depends upon installation		Roll sizes of 1.35m x 30m, 1.35m x 60m							
	Bradford Enviroseal ProctorWrap RW	Micro-porous membrane	Walls - condensation control	N/A		Roll sizes of 1.5m x 50m, 2.75m x 25m							
	Bradford Thermoseal Roof Tile Plus	Reflective foil laminate	Tiled roofs - thermal contribution	Depends upon installation		Roll sizes of 1.5m x 30m							
	Bradford Enviroseal ProctorWrap HTR	Micro-porous membrane	Roofs (all) - condensation control	N/A		Roll sizes of 1.5m x 50m							

Table 1. Insulation (continued).

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Dynamic Composite Technologies ph: 1800 051 100 sales@dctech.com.au www.dctech.com.au	DCT GA 300	Extruded polystyrene (XPS)	General application board suitable for commercial and residential roofs, walls and floors	R1.0 to R4.3		Rigid board 2500 mm x 600mm; other sizes available on request	Call for pricing			Green Star compliant, ISO 9001:2000, CFC/HCFC/HFC-free, zero ozone depletion potential
	Dow Styrofoam	Extruded polystyrene (XPS)	Suitable for external render and cladding, ceilings, under or over concrete slabs, suspended beam and block, timber floors and roof gardens	R0.90 to R7.20		Rigid board 2500 mm x 600mm; other sizes available on request				Green Star compliant, CFC/HCFC-free, zero ozone depletion potential
	Dow Tuff-R	Polyisocyanurate (PIR)	Car park soffits, cavity walls and underside of slab	R0.6 to R1.15		Rigid board 1219 mm x 2235 mm				Green Star compliant, CFC/HCFC-free, zero ozone depletion potential
	Dow Thermax Light Duty	Polyisocyanurate (PIR)	An interior finish system for wall and ceilings in metal, wood and concrete	R0.60 to R3.50		Rigid board 1219 mm x 2235 mm				ISO 9705 certified, zero ozone depletion potential
	DCT PIR GP	Polyisocyanurate (PIR)	Car park soffits, cavity walls and underside of slab	R0.91 to R4.57		1200 mm x 2400 mm				
	va-Q-tec	Vacuum insulated panels (VIP)	Used wherever space is limited and excellent thermal insulation is required	R1.25 to R7.14		Rigid board 500 mm x 600mm, 600 mm x 1000mm				Reduces heat fluxes, increased usable volume, long service life
Enviroflex ph: (03) 97533811 enviro@enviroflex.com.au www.enviroflex.com.au	Enviroflex is yet to supply information for the guide. For an updated listing of their products, see their website.									

Table 1. Insulation (continued).

Company/Brand	Product	Material	Used for	R rating	Insulation thickness when installed	Supplied as	Price per pack	Price per m ²	Recyclability/sustainability	Supplier comments	
Fletcher Insulation Freecall:1300 654 444 info@insulation.com.au www.insulation.com.au	Pink® Batts Thermal Insulation	Glass wool	Walls	R1.5, R2.0, R2.0 high density, R2.5, R2.5 high density	Ranges from 70mm up to 130mm depending on R value	Batts 1160mm x 430mm, 1160mm x 580mm, in packs	Contact for prices	Contact for prices		Made from approx 80% recycled glass. Good Environment Choice Ecolabel (GECA) certification, CodeMark and AS/NZS 489.1	
			Ceilings	R2.5, R3.0, R3.5, R4.0, R5.0 and R6.0	Ranges from 130mm up to 250mm depending on R value						
	Pink® Soundbreak® Acoustic Insulation	Ceilings, upper floors and internal stud walls	R1.7, R2.0, R2.5, R2.7, R3.1	Ranges from 60mm up to 110mm depending on R value							
	Pink® Partition Acoustic Insulation	Walls and ceilings	R1.1, R1.2, R1.5, R1.8, R2.1, R2.2, R2.5, R2.7, R3.0, R3.5	Ranges from 50mm up to 165mm depending on R value	Batts 450mm or 600mm wide, 1200mm or 2700mm long						
	Permastop Building Blanket Insulation	Glass wool and reflective foil laminate	Roof and walls for metal cladding	R1.3, R1.4, R1.8, R2.5, R3.0 and R3.6	Ranges from 55mm up to 130mm depending on R value	Roll sizes of 6.5m x 1200mm, 10m x 1200mm, 15m x 1200mm, 20m x 1200mm					Glass wool building blanket faced with reflective foil laminate of light, medium and heavy duty classifications. Provides thermal and acoustic comfort, and condensation control
	Sisalation® Reflective Foil Insulation	Reflective foil laminate	Tiled roofs, metal roofs, wall wrap, multi-purpose	Please contact for specific ratings	0mm	Roll sizes of 30m x 1500mm, 60m x 1500mm, 30m x 1350mm, 60m x 1350mm					Manufactured in Australia for over 55 years
	Sisalation® Foam Cell Insulation	Closed-cell cross-linked polyethylene (XPE) foam core with reflective laminate & anti-glare coating	Roof and walls in residential, commercial and shed liner	Please contact for specific ratings		8.4mm x 1350mm x 22.25m roll, 8.4mm x 1350mm x 33.44m roll					Thermal break solution for steel-framed applications
	Polyester Thermal Insulation	Polyester	Walls	R1.0 to R2.5 depending on application	75mm to 90mm	Batts 1160mm x 430mm, 1160mm x 580mm, in packs					Made from polyester formed into an insulation blanket. Soft to handle and easy to install
			Ceilings	R2.0 to R4.0 depending on application	Ranges from 120mm to 210mm depending on R value						
	Polyester Underfloor Insulation		Suspended floors	R1.5, R2.0	90mm and 100mm	Roll sizes of 11.6m x 430mm or 450mm in packs					
Polyester Acoustic Insulation		Walls	R1.5 to R4.5 depending on application	Ranges from 75mm up to 200mm depending on R value	Batts 1160mm x 430mm, 1160mm x 580mm, in packs						
Sisalboard™ Insulation	Expanded polystyrene insulation and reflective foil	Double-brick walls or external studwork in brick veneer	R0.25, R0.35, R0.50, R0.75 and R1.25	Ranges from 10mm up to 150mm depending on R value	Sheet sizes of 2400mm x 1200mm or 2700mm x 1200mm, in packs only	Minimum order quantities apply. Cutting to size and thickness can be arranged					
PIRFORMATHERM®	Thermoset polyisocyanurate foam core with reflective foil laminate and kraft paper forming a rigid board	Roof and walls	R1.14 to R4.55 depending on application	Ranges from 25mm up to 100mm depending on R value	Sheet size 2400mm x 1200mm in pack only	Super high-performance rigid thermoset resin insulation					
Foamex www.foamex.com.au	Foamex is yet to supply information for the guide. For an updated listing of their products, see their website.										
Foilboard Australia P/L www.foilboard.com.au	Foilboard Australia is yet to supply information for the guide. For an updated listing of their products, see their website.										
GI Building Sciences Pty Ltd ph:1300 308 164 contact@greeninsulation.com.au www.greeninsulation.com.au	Reflecta Shield Reflecta Cell Reflecta Guard Foil Tape	Aluminium scrim reinforced double-layer foil, polyethylene bubble inner layer	Roofs, ceilings, walls, floors and garage doors	R1.5 to R3.2 depending on the product and application		Roll sizes of 1500mm wide x 20m long	Please contact your nearest Green Insulation distributor			Comes with a unique polymer coating applied to the top aluminium foil layer to prevent oxidation and corrosion	
	CRIS	Patented high-performance double-layer aluminium foil system, polyethylene bubble inner layer	Roofs	R3.2 to R7.1 depending on the roof design and application							
Higgins Insulation www.higginsinsulation.com.au	Higgins Insulation is yet to supply information for the guide. For an updated listing of their products, see their website.										
Insulbloc Australia Pty Ltd www.insulbloc.com.au	Insulbloc is yet to supply information for the guide. For an updated listing of their products, see their website.										

Table 1. Insulation (continued).

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Kingspan Insulation ph: 1300 247 235 info@kingspaninsulation.com.au www.kingspaninsulation.com.au State distributors available	Glareshield	Aluminium foil/single-layer polyethylene bubble wrap	Roofs	R1.0 to R3.1, depending on application		Roll sizes of 1350 mm x 22.25 m								
	Insulbreak	Aluminium foil/closed-cell, physically cross-linked foam	Steel-framed walls and roofs	R1.3 to R2.7, depending on application							Thermal break solution for steel-framed applications			
	Permicav XV	Aluminium foil/closed-cell, physically cross-linked foam with perforations for vapour permeance	Cavity walls and brick veneer walls	R1.7 to R2.0, depending on application							Vapour-permeable insulation for cavity walls and brick veneer walls			
	Permishield	Aluminium foil/closed cell, physically cross-linked foam with perforations for vapour permeance	Lightweight-cladded walls	R1.6 to R2.1, depending on application							Vapour-permeable insulation for steel-framed cladded walls			
	Permfloor	Aluminium foil/closed-cell, physically cross-linked foam with perforations for water-permeance	Suspended framed floors	R1.2 to R3.3, depending on application		Roll size of 1350 mm x 33.33 m				Water-permeable insulation for suspended framed floors				
						Two 500 mm x 30 m rolls per pack				Water-permeable insulation for suspended framed floors. Pre-cut to 500 mm widths to suit timber-framed floors				
	Kooltherm K3 Floor Board	Fibre-free rigid thermoset resin insulation core, sandwiched between tissue-based facings	Concrete slabs on ground	R1.2, R1.4, R1.9, R2.5		2400 mm x 1200 mm boards (2.88m ²), 25 mm to 50 mm thick				Super high-performance rigid phenolic insulation for concrete slabs on ground				
	Kooltherm K8 Cavity Board	Fibre-free rigid thermoset-modified resin insulation core, sandwiched between two layers of reflective, low emissivity composite foil	Cavity walls	R1.2, R1.9		2400 mm x 514 mm boards (1.23m ²), 25 mm to 40 mm thick				Super high-performance rigid phenolic insulation for cavity walls				
	Kooltherm K10 FM Soffit Board	Fibre-free rigid thermoset-modified resin insulation core, sandwiched between an upper tissue-based facing and a lower facing of highly reflective aluminium foil	Concrete soffits	R1.2 to R4.5, depending on thickness		2400 mm x 1200 mm boards (2.88m ²), 25 mm to 90 mm thick				Super high-performance rigid phenolic insulation for concrete soffits				
	Kooltherm K17 Insulated Plasterboard	Fibre-free rigid thermoset-modified resin insulation core, sandwiched between a front facing of tapered-edge gypsum-based plasterboard, and a reverse tissue-based facing	Solid masonry/concrete walls	R1.3 to R4.1, depending on thickness		2400 mm x 1200 mm boards (2.88m ²), 35 mm to 90 mm thick (inc. 10 mm plasterboard)				Two-in-one rigid phenolic insulation and plasterboard				
	Kooltherm K18 Insulated Plasterboard	Fibre-free rigid thermoset-modified resin insulation core, sandwiched between a front facing of tapered-edge gypsum-based plasterboard, and a reverse facing of low emissivity foil	Framed walls and raked ceilings							Two-in-one rigid phenolic insulation and plasterboard				
Knauf Insulation www.knaufinsulation.com.au	Knauf Insulation is yet to supply information for the guide. For an updated listing of their products, see their website.													
NRG Building Systems Aust Pty Ltd 2/13-15 Octal St Yatala Qld 4207 ph: (07) 3382 7742 sales@nrggreenboard.com www.nrggreenboard.com	NRG Greenbatts	Expanded polystyrene	Underfloor, walls, ceiling	R1.85	50 mm	1200 mm x 420/575 mm x 50 mm	Please contact for pricing			Vermin-retardant, fire-retardant				
				R2.11	60 mm	1200 mm x 420/575 mm x 60 mm								
				R2.76	85 mm	1200 mm x 425/575 mm x 85 mm								
Polyair www.reflectiveinsulation.com.au	Polyair is yet to supply information for the guide. For an updated listing of their products, see their website.													
Polyester Solutions ph: (03) 9770 8281 rachael@polyestersolutions.com.au www.polyestersolutions.com.au	Wool Batts	Wool polyester blend	Walls and ceilings	R1.5, R2.0, R3.5, R4.0		Batts 1170 mm long by 430 mm or 580 mm wide	Available on request			May contain industrial recycled wool up to 50%				
	Underfloor Insulation	100% polyester	Thermal/acoustic insulation	R1.5, R2.0	90 mm	Roll sizes of 450 mm x 10 m							User-friendly, non-irritant, non-allergenic, odourless, non-toxic, recycled and recyclable. Easy installation; can be torn along the length. Long-term stability and performance, 50+ years rating	
				R2.5, R3.0	140 mm to 160 mm	Roll sizes of 450 mm x 8 m								
	POLYBATTS wall and ceiling batts	100% polyester	Thermal wall and ceiling insulation	R1.5	90 mm	Batts 430/580 mm x 1170 mm								
				R2.0	90 mm									
R2.5				165 mm										
R3.0				185 mm										
WALLBLOCK Poly Batts	100% polyester	Acoustic wall and ceiling insulation	R3.5	200 mm						Green Star-rated				
			R4.0	240 mm										
			R4.5	240 mm										
Polyfoam Australia www.polyfoam.com.au	Polyfoam is yet to supply information for the guide. For an updated listing of their products, see their website.													
				R1.5	75 mm									
				R2.0	90 mm									
R2.5				90 mm										

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PolyX Global www.polyx.com.au	PolyX is yet to supply information for the guide. For an updated listing of their products, see their website.										
Sekisui Foam Australia ph:(02) 9525 9880 info@sekisuifoam.com.au www.sekisuifoam.com.au	Thermobreak (commercial applications)	Fire resistant grade, closed-cell cross-linked polyolefin foam with reinforced aluminium foil	Roofs, ceilings, walls, underslab	Made to suit all R values as per National Construction Code		1m to 1.5 m wide, to 50m long rolls; in preformed tube for pipe insulation	Prices available on request			Made from polyethylene without the use of CFCs or HCFCs	
	Thermobreak Tube		Pipe insulation			1/4" to 8" inside diameters with 10 mm to 50 mm wall thicknesses					
	Thermoloc (commercial applications)	High-density grade, closed-cell cross-linked polyolefin foam	Pipe supports		Made to order for all pipe sizes				Made from polyethylene without the use of CFCs or HCFCs. 63% recycled content		
	Thermcoil	Fire resistant grade, closed-cell cross-linked polyolefin foam with reinforced aluminium foil	Thick wall thickness for high humid regions of Australia	Made to suit all R values as per National Construction Code table 2b		Made to order for all pipe sizes				Made from polyethylene without the use of CFCs or HCFCs	
	Thermobreak No Clad	Fire resistant grade, closed-cell cross-linked polyolefin foam with an ultra-tough foil facing to prevent mechanical damage	External insulation for tanks, vessels or indoor areas at risk of mechanical damage and where metal cladding is required External insulation of pipes or indoor areas at risk of mechanical damage where metal cladding is required	Made to suit all R values as per National Construction Code		1.2m wide to 50 m long rolls and in preformed tube for pipe insulation				Made from polyethylene without use of CFCs and HCFCs	
Thermotec Australia Pty Ltd Thermal & Acoustic Insulation ph:1300 727 08 info@thermotec.com.au www.thermotec.com.au	Thermotec 4-Zero	Foil-faced low-density polyethylene (LDPE) closed-cell pipe insulation	Hot and cold water pipes	Variable as per AS/NZS4859		Pre-formed lengths	Please contact nearest distributor	Please contact nearest distributor		Safe, clean and easy to install	
	E-flex HT Solar Hot Water Pipe Insulation	Closed-cell ethylene propylene diene monomer (EPDM) foam	Outdoors UV-exposed and high temperatures of 150°C (180°C max intermittent)	Variable as per AS/NZS4859						Safe, clean and easy to install	
	E-flex ST Pipe Insulation	Closed-cell poly-vinyl chloride (PVC)/nitrile rubber (NBR) foam	Hot and cold water pipes, HVAC and airconditioning	Variable as per AS/NZS4859						Safe, clean and easy to install	
	E-therm	Foil-faced low-density polyethylene (LDPE) closed cell sheeting	Under roof, walls, underfloor	R1.2 to R3.5 system R values		5.5 mm, 7.2 mm and 8.5 mm thickness x 1350 mm wide (plus 150 mm foil overlap flap) x 22.25 m (30 m ²) rolls					
	NuWave Acoustic Barrier	Barium-loaded poly-vinyl chloride (PVC) acoustic barrier	Walls, ceilings, floors, pump enclosures etc	N/A		Roll sizes of 1350 mm x 3 m, 1350 mm x 5 m					Available in 4 kg/m ² , 6 kg/m ² and 8 kg/m ²
	NuWrap 5 Acoustic Pipe Wrap	Foil-faced acoustic barrier with 25 mm acoustic polyurethane (PU) foam	Waste pipes and ducting	Meets BCA requirement for waste pipe noise reduction in habitable areas		1350 mm wide rolls or pre-cut strips or bends.					Available through plumbing supplies stores
Versiclad Pty Ltd www.versiclad.com.au	Versiclad is yet to supply information for the guide. For an updated listing of their products, see their website.										
Wren Industries Freecall:1800 066 002 ph:(03) 9532 5855 info@concertinafoils.com www.concertinafoils.com	Concertina Foil Batts	Expandable aluminium foil/kraft paper/aluminium foil laminate	Walls	R2.6 with foil wrap		1350 mm long x 450 mm or 600mm wide. Pack of 25 batts	\$102 to \$135.88	\$6.71		Reflects 97% radiant heat and emits 3% from reverse surfaces. Can be used with bulk insulation in ceilings to reduce radiation	
			Floors	R3							
			Ceilings	Adds approx R1.0 on top of bulk							
	Renshade	Perforated aluminium foil/kraft paper/aluminium foil laminate	Windows	Unspecified		Roll sizes of 1350 mm wide x 5 m, 10 m or 20 m long	\$96.80, \$193.60, \$387.20	\$14.30		Velcro to inside of glass or as Holland blinds. Stops approx 85% radiation while maintaining view	
Skylights											
			Transparent roofing								

Table terms explained

Soffit: the underside of an architectural structure such as an arch, a balcony or overhanging eaves.

Thermoset: a material that sets (cures) permanently due to a chemical reaction or the application of heat or radiation.

Scrim: a coarse weave reinforcing mesh used inside sheet insulation products to improve strength for installation and handling. A scrimed product contains scrim, i.e. it is reinforced.

Polyolefin: a polymer made from unsaturated hydrocarbon monomers with at least one carbon-to-carbon double bond (olefins, also called alkenes). Polyethylene and polypropylene are common examples of polyolefins.