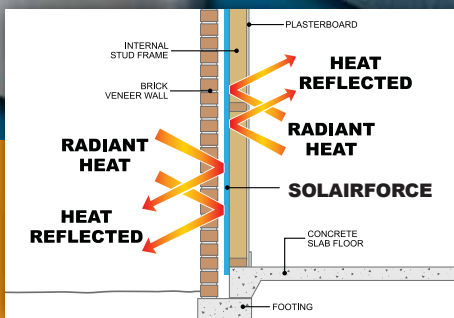


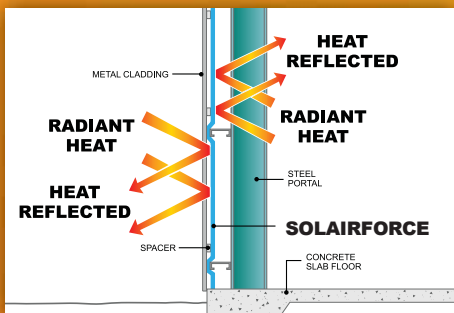


SolairForce

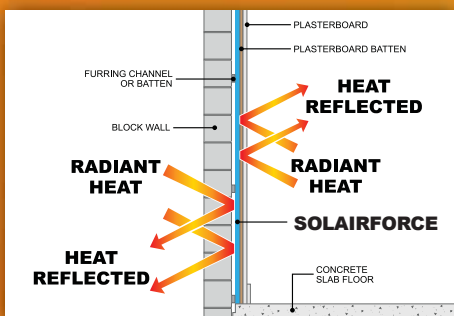
SolairForce insulation products offer advanced energy saving solutions for almost any type of application. The SolairForce features two opposing faces of highly reflective aluminium foil surfaces separated by a polyethylene air-pocketed cell structure. The air-pocket provides a 'bubble' of space with no physical matter, preventing the conductive transfer of heat.



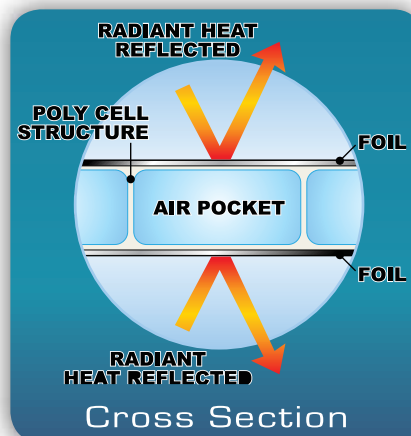
Residential - Brick Veneer



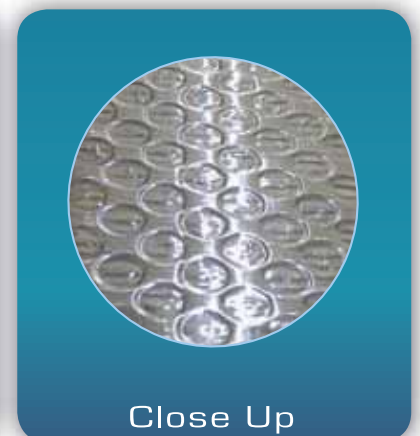
Commercial - Metal Cladding



Residential/Commercial - Masonry Block



Cross Section



Close Up

Benefits of Solairforce in your building:

- » Quick and easy to install reducing labour costs
- » Reflects 98% of radiant heat
- » Fibre free, clean and safe, nonirritant insulation
- » Reduces energy costs
- » Reduces greenhouse gases
- » Highly durable and hail resistant with anti-tear surface
- » Anti-fungal and anti-bacterial
- » Fire retardant properties
- » Resists rodent and insect nesting unlike bulk insulations
- » Insulation that also acts as a water barrier
- » 10 year warranty

Suppliers Contact Details

Trent Small 0437 289282
Matthew Buchanan 0408 218804

www.absolutebuildingsupplies.com.au

sales@absolutebuildingsupplies.com.au

All SolairForce products have been tested to meet the following Australian standards:

Product Testing

Thermal Performance	AS/NZS 4859.1
Emittance	ASTM-E408
Flammability	AS 1530.2
Ignitability	AS 1530.3
Flame Spread	AS 1530.3
Heat Evolved	AS 1530.3
Smoke Developed	AS 1530.3
Edge Tear	AS/NZS 4200.1.1994 6.1.3
Duty	AS/NZS 4200.1.1994 6.1.3
Dry Delamination	AS/NZS 4201.1 Method 1
Wet Delamination	AS/NZS 4201.1 Method 2
Shrinkage	AS/NZS 4201.1 Method 3
Water Barrier	AS/NZS 4201.4:1994
Surface Corrosion Resistance	AS/NZS 4859.1 Appendix 1



SolairForce applications

Attic applications:

- » Under Roof Rafters in Attic
- » Under Roof Decking on top of Roof Rafters
- » Over Existing Insulation on Attic Decking
- » Cathedral Ceilings

Siding applications:

- » House Wrap Behind Brick or Aluminum/Vinyl Siding

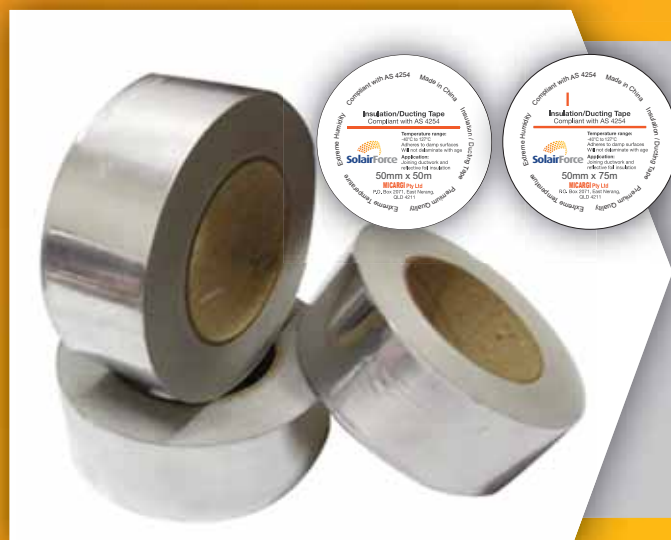
Roofing applications:

Reflective Bubble Insulation applications:

- » Masonry / Basement Block Wall Installation
- » Concrete Floors / Slabs
- » Post Frame / Pole Barn Installations
- » Metal Building Installations
- » Crawl Space Installations
- » Radiant Flooring Installations



Also suppliers of 55mm, 75mm, 100mm and 120mm low irritant builders blanket. Custom length rolls available.



SolairForce Aluminium Foil Tape 50mm/75mm

Product Specifications

Roll Size	50mm x 50m / 75mm x 50m
Temperature Range	- 40°C to 127°C
Australian Standard	Compliant with AS 4254

High strength aluminium foil tape coated with a high tack synthetic pressure sensitive adhesive. Recommended for use with Foil and Foil Faced insulation products to provide a vapour sealed join. Compliant with AS 4254.

SolairForce B-4S



Product Specifications

Roll Size	48m2 (40m x 1.2m)
Roll Diameter	415mm
Product Thickness	5mm
Roll Weight	10.5kg
Reflectance	97%
Emissivity	Silver .03

SolairForce B-4S is made from a strong 5mm thick polyethylene cell structure that separates two highly reflective layers of polished aluminium foil.

SolairForce B-4S is our most lightweight product, which means easier installation, more efficient construction, and bigger cost saving. The lightweight construction of **SolairForce B-4S** means highly efficient insulation is installed that does not consume valuable space within the building envelope.

SolairForce B-4S is designed to replace conventional insulation such as bulk insulation blanket, ceiling batts, and cellulose fibre, with a safe, clean, fibre free alternative for use in residential, commercial, industrial, steel, and wood construction. Suitable for use in roofs, walls, and under floors, SolairForce Building Insulation offers an all-in-one package.

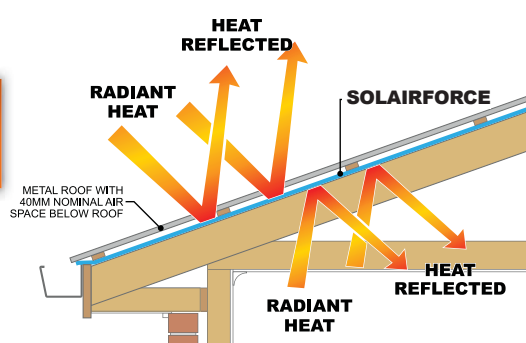
*This SolairForce product has NO anti-glare

System R-Values (m2.KW)

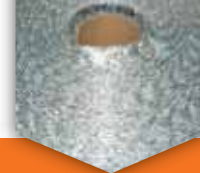
Commercial Applications - 5° Pitch	Summer	Winter
Warehouse Metal Roof	2.1	0.9
Commercial Office Metal Roof	3.3	1.4
Warehouse Roof Retrofit	2.7	0.9
Flat Concrete Roof Soffit		
Suspended Ceiling	3.2	1.6
No Suspended Ceiling	2.2	1.1
Other Applications		
Precast Concrete Wall	1.8	2.0
Masonry Block Wall (150mm)	1.9	2.1
Warehouse Wall Retrofit	1.0	1.2
Concrete Floor (Soffit) - Enclosed	2.0	3.3

Residential - Metal Roof

Heat Flow In
R 2.9



SolairForce B-4SAGW



Product Specifications

Roll Size	48m2 (40m x 1.2m)
Roll Diameter	415mm
Product Thickness	5mm
Roll Weight	10.5kg
Reflectance	97%
Emissivity	Silver .03, Anti-Glare .05

SolairForce B-4SAGW is made from a strong 5mm thick polyethylene cell structure that separates two highly reflective layers of polished aluminium foil.

SolairForce B-4SAGW is our most lightweight product, which means easier installation, more efficient construction, and bigger cost saving. The lightweight construction of **SolairForce B-4SAGW** means highly efficient insulation is installed that does not consume valuable space within the building envelope.

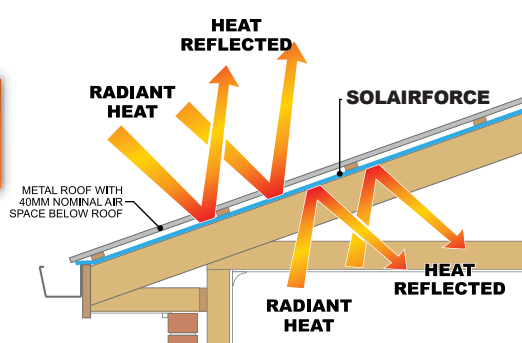
SolairForce B-4SAGW is designed to replace conventional insulation such as bulk insulation blanket, ceiling batts, and cellulose fibre, with a safe, clean, fibre free alternative for use in residential, commercial, industrial, steel, and wood construction. Suitable for use in roofs, walls, and under floors, SolairForce Building Insulation offers an all-in-one package.

System R-Values (m2.KW)

Tiled Roof - 22° Pitch	Summer	Winter
Ventilated (60mm Airspace)	2.2	1.0
Metal Roof - 22° Pitch		
Raked Ceiling	2.6	1.4
Ventilated (40mm Airspace)	2.6	1.2
Unventilated (40mm Airspace)	2.4	1.4
Commercial Applications		
Commercial Office Metal Roof	3.1	1.4
Warehouse Metal Roof	1.9	0.9
External Walls (with Plasterboard internal)		
Metal Cladding (NO Plasterboard internal)	1.0	1.0
Brick Veneer	1.8	2.1
Vinyl Cladding	2.2	2.2
Precast Concrete	2.5	2.5
Masonry Block	2.7	2.7

Residential - Metal Roof

Heat Flow In
R 2.6



SolairForce F-4SAGW



Product Specifications

Roll Size	47.25m ² (35m x 1.35m)
Roll Diameter	415mm
Product Thickness	4mm
Roll Weight	16kg
Reflectance	97%
Emissivity	Silver .03, Anti-Glare .05

SolairForce F-4SAGW is a 4mm foam base reflective foil insulation that has been designed with a focus toward steel frame construction throughout the building industry. Steel frame construction enables conductive heat transfer and thermal bridging, which is stopped more efficiently by foam based insulation.

SolairForce F-4SAGW is constructed from a polyethylene based closed-cell foam. This separates an upper/outer layer of foil coated with our unique anti-glare, from an inner/under layer that is built with highly reflective aluminium foil.

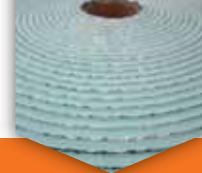
System R-Values (m2.KW)

Tiled Roof - 22° Pitch	Summer	Winter
Ventilated (60mm Airspace)	2.2	1.0
Metal Roof - 22° Pitch		
Raked Ceiling	2.6	1.4
Ventilated (40mm Airspace)	2.6	1.2
Unventilated (40mm Airspace)	2.4	1.4
Commercial application - 5° Pitch		
Commercial Office Metal Roof	3.1	1.4
Warehouse Metal Roof	1.9	0.9
External Walls (with Plasterboard internal)		
Metal Cladding (NO Plasterboard internal)	1.0	1.0
Brick Veneer	1.8	2.1
Vinyl Cladding	2.2	2.2
Precast Concrete	2.5	2.5
Masonry Block	2.7	2.7

SolairForce Benefits

- » Achieves Thermal break when used in steel frame construction
- » Fibre-free, clean and safe, non irritant insulation
- » Insulation that acts as a water barrier
- » Highly durable, hail resistant with anti-tear surface
- » Quick and easy to install, reducing labour costs
- » Anti-fungal and anti-bacterial
- » Resists rodent and insect nesting unlike conventional bulk insulations
- » Greatly assists in achieving a 5 star home energy rating
- » Australian standard compliant to AS/NZS 4859.1-2018.
- » 10 year warranty

SolairForce F-7SAGW



Product Specifications

Roll Size	30m ² (22.25m x 1.35m)
Roll Diameter	500mm
Product Thickness	7.5mm
Roll Weight	10kg
Reflectance	97%
Emissivity	Silver .03, Anti-Glare .05

SolairForce F-7SAGW is the most prestigious in the range of SolairForce Building Insulation products. **SolairForce F-7SAGW** is constructed from super strong 7.5mm polyethylene foam, this separates the upper/outer layer of blue anti-glare coated reflective foil from an exceptionally strong polyethylene and fibreglass weave that is covered with highly reflective aluminium foil.

Designed to negate the effects of conductive heat transfer and thermal bridging that are a common occurrence in steel frame construction, **SolairForce F-7SAGW** is suitable for all applications including roofs, walls, and under floors in residential, commercial, and industrial construction.

SolairForce F-7SAGW is an extremely substantial product, forming a strong, rigid barrier between volatile outside elements and the comfort of those within a building.

System R-Values (m2.KW)

Tiled Roof - 22° Pitch	Summer	Winter
Ventilated (60mm Airspace)	2.6	1.2
Metal Roof - 22° Pitch		
Raked Ceiling	2.7	1.5
Ventilated (40mm Airspace)	2.7	1.3
Unventilated (40mm Airspace)	2.4	1.5
Warehouse Metal Roof - 5° Pitch	2.0	0.9
Commercial Office Metal Roof - 5° Pitch	3.2	1.4
External Walls		
Warehouse Metal Clad Wall	1.1	1.2
Brick Veneer	1.9	2.2
Steel-Framed Wall	1.7	1.9

SolairForce Benefits

- » Achieves Thermal break when used in steel frame construction
- » Fibre-free, clean and safe, non irritant insulation
- » Insulation that acts as a water barrier
- » Highly durable, hail resistant with anti-tear surface
- » Quick and easy to install, reducing labour costs
- » Anti-fungal and anti-bacterial
- » Resists rodent and insect nesting unlike conventional bulk insulations
- » Greatly assists in achieving a 5 star home energy rating
- » Australian standard compliant to AS/NZS 4859.1-2018
- » 10 year warranty