

## air-cell insulation benefits

- **Clean, safe, fibre-free**

**AIR-CELL®** is a non-itchy, fibre-free material that does not require protective clothing when installing or handling.

- **Tough, Strong & Durable**

Unique anti-tear surface and rated Extra Heavy Duty for maximum strength and durability.

- **Washable, Water resistant and Not Affected by Humidity**

Made without the use of glues and is designed to resist moisture and reduce condensation in all climates.

- **Rodent & Insect Resistant**

Does not provide a nesting medium for rodents and insects.

- **Advanced Thermal Performance**

Replaces fibre batts and building blanket in most applications and helps to achieve BCA compliance.

- **Quick and Easy to Install**

No need to install insulation and a vapour barrier separately and there is no requirement for product support mesh.

- **Fully compliant with the BCA and AS/NZS 4859.1**

CodeMark certified to comply with the latest compulsory insulation standard.



- **Three Products in One Application**

Provides an insulation barrier, a waterproof barrier, and a vapour barrier all in one.

- **Non-allergenic, Non-irritant & Non-carcinogenic**

**AIR-CELL®** is non-asthmatic and poses no respiratory health and safety risk.

- **Fire Retardant & Suitable for Bush Fire Prone Areas**

**AIR-CELL GLARESHIELD®** and **RETROSHIELD®** are designed to resist fire with a Flammability Index of  $\leq 5$  (tested to AS 1530.2).



**GLARESHIELD®** is designed to resist oxidation and features a high polish aluminium foil for the under surface with an anti-glare coating on the upper surface as an Occupational Health & Safety measure to protect the eyes of installers from damaging sun glare.



**RETROSHIELD®** is also designed to resist oxidation and features high polish aluminium foil surfaces on both faces, making it suitable for retrofit applications or for installation in areas exposed to minimal direct sunlight. Ideal for installing into existing sheds.

### roll specifications

Roll size	1350mm x 22.25m (30m <sup>2</sup> )
Product thickness	7mm



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domestic

residential

commercial

industrial

agricultural

livestock



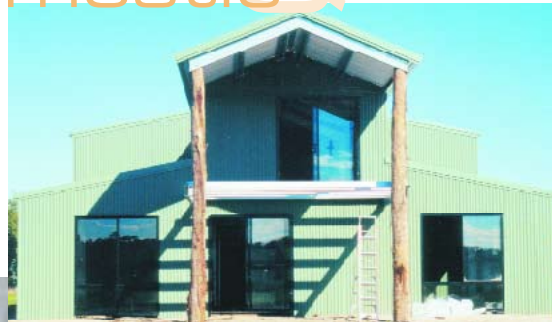
## product profile

**AIR-CELL®** Insulation is a low volume, high performance insulation medium that combines the technology of reflective air spaces with a low emittance, sealed air, thermal conduction barrier to deliver a highly efficient insulation medium.

**AIR-CELL®** keeps you cool in summer and warm in winter by first reflecting up to 97% of radiant heat away from its surface. The small amount of heat absorbed is then further reduced by the conductional resistance of the polymer air cell structure and the low heat emission from the foil surface on the other side, significantly reducing your energy needs associated with heating and cooling. Wrapped up in an ultra-thin 7mm fibre free material, **AIR-CELL®** has been developed to replace the use of both conventional fibre based insulation and vapour barrier products all in the one application.



## residential domestic



## agricultural livestock



piggeries, poultry, sheering sheds, cow sheds etc.

## product certification

**AIR-CELL®** products are independently certified and tested to ensure that you get the performance and durability that you expect and that your safety is not compromised in the event of a fire.

When using thermo-thermo cellular reflective insulation in a shed, there are three main standards you should be aware of that could be required by the Building Code of Australia (BCA).



## commercial industrial



- Up to 12°C cooler inside
- Waterproof and washable
- Fibre-free and non-itchy
- Strong, tough, durable

- Premium quality
- Certified compliance
- Passes fire tests