

Heat Reflective Cement Tiled Roof Restoration.

In a climate dominated by heat, it makes sense that the roof of our buildings be highly reflective to sunlight....!



Trusted by Leading Organisations - Since 1978:



TOTO High-Tech Toilets

Metal roof to entire plant. Anti-corrosive treatment, leak repair and heat reflective coatings to waterproof entire factory roof, reduce power consumption and internal temperatures for staff.



Panasonic

Astec system installed so that the existing heavy gauge metal could be retained. Seams, flashings and fasteners waterproofed with Energy Star elastomeric coatings applied to reduce internal summer heat.



Science Museum, Melbourne Victoria

Metal buildings coated with Energy Star Heat Reflective Coatings to increase internal summer comfort of visitors to the museum.

Certified Performance:



Astec Energy Star products are the first, and only range of thermally regulated roofing finishes, texture coatings and elastomeric deck and wall membranes to be CodeMark certified and approved for guaranteed compliance with the B.C.A., Building Code of Australia section J – Energy Efficiency Guidelines.

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Cool, Energy Efficient and Waterproof Shelter from the Storm !

Remains Cool-Waterproofs-Stops Leaks

We are all aware of global warming and the need for us to reduce CO2 emissions, and that the power used in our homes is a major contributing factor to the problem. With electricity costs predicted to triple over the next ten years and the fact that we are a population already suffering from increased summer heat, no longer can we afford to ignore one of the most basic and "age old" energy efficiency principals in keeping our homes cool.

A Roof That Is Highly Reflective to Sunlight, even in dark Colours, and stops the entry of absorbed heat to our homes.

A Cool Reflective Roof

Astec Energy Star infrared heat reflective coating systems for cement tiled roofing, reflects fully 50% of solar heat by infrared reflection. Even in darks colours, their low solar absorbance and high emittance, significantly reduces absorbed heat in the building envelope.

Unlike the normal repainting of weathered concrete tiles, the Astec System fulfils the replacement of the weathered factory finish in a positive and long-term manner addressing not only aesthetics, but the durability, adhesion and mould regrowth aspects.

The entire roof is cleaned and repaired then over-coated with multiple coats of liquid applied heat reflective elastomers to form a monolithic waterproof seal; With superior resistance to U.V. degradation and wind driven rain.

Once installed, this system forms a uniform protective covering that protects, maintains and enhances the roof for many years to come. The heat reflective restoration is installed at a fraction of the cost of re-roofing, is aesthetically pleasing and remains cool in the extremes of summer.

Benefits:

- 26 year performance history
- Reduce cooling cost by more than 50%
- Equivalent to R.4.5 insulation, (downward).
- Waterproof and up to 400% more durable.
- Accredited applicators / Australian made and owned
- Reduce roof temp on a 37°C day by 61°C
- 10 year warranty
- **Independent testing to:** Australian Standards AS/NZS 2311, ASTM C 1371-04, ASTM C 1549-02, ASTM E 903 and ASTM E 1980-01



Leaders in Green, Sustainable, Low V.O.C. Products:

Sustainability is at the core of our business philosophy. We are proud of our portfolio of leading coatings that make a positive difference to the environment and the health of our buildings. With more than 95% of all products being low in V.O.C. and certified by Good Environmental Choice Australia, as green sustainable products.



Contact us today;

and find out how your roof can become an energy asset, keep you cool in summer, and reduce the costs of cooling your home.

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