

Why choose Solacoat Heat Reflective Coatings?



- ✓ Your roof will be restored to its former glory, be protected from the elements, enhance the value of your property and can assist in reducing your internal cooling costs.
- ✓ Solacoat's cool roof system incorporates a thorough inspection, cleaning, repair and priming process prior to the topcoat. It is in the preparation, coupled with the expertise of the applicator and the quality of Solcoat that ensure the coating will stand the test of time.
- ✓ You receive Solacoat's 15 year limited warranty that covers the full Solacoat's cool roof system for **fifteen** years when correctly applied by an experienced professional.
- ✓ Solacoat Heat Reflective coatings are manufactured in NATA & APAS approved facilities, complies with Australian Standards AS/NZS 4859.1, Verified Product Certificate with Ecospecifier Global Green Star and has received independent international thermal testing ASTM E1980-11, ASTM C1371-04a, ASTM C1549-09.



Solacoat Heat Reflective Coatings Exterior Colours

| | | |
|--------------------------|------------------------------|----------------------------|
| White 80% TSR | Off White/Cream 84.9% TSR | Green Touch 70% TSR |
| Green Dash 70% TSR | Rosie Dawn 70% TSR | Tumbling Waters 70% TSR |
| Blue Trace 70% TSR | Ivory Porcelain 70% TSR | Smoke Ring 70% TSR |
| Powder Yellow 70% TSR | River Gum 38% TSR | Mocha 34% TSR |
| Sunset Red 45% TSR | Pale Terracotta 50% TSR | Mid Grey 38% TSR |
| Charcoal 34% TSR | | |

The TSR number represents the Total Solar Reflectance. Colours shown are indicative only.

Be Cool and Comfortable with a Cool Roof



- ✓ Keep your home cooler
- ✓ Reduce your electricity costs
- ✓ Restored roof with a 15 year limited warranty
- ✓ Help cool our world and protect the environment

SOLACOAT
TAKES THE HEAT OUT OF THE ENVIRONMENT

Contact us to find out how your roof, walls and pavements can be cooler in summer!

Coolshield International Pty Ltd
www.solacoat.com.au

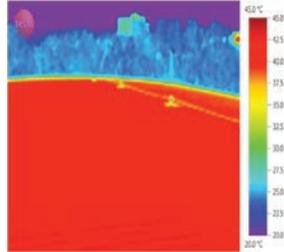
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Thinking of Restoring your Roof then consider this...

No matter how well your building is insulated it will not prevent the absorption of heat! The roof will absorb the maximum thermal heat from the sun's solar rays. That heat will enter into the cavity of the roof and then into the living/working area of your home. Your air-conditioners will work double time to cool the internal environment. The outside air temperature only needs to reach 28°C before your roof reaches a temperature of 57.2°C or greater. Just imagine all that heat transferring into your home!



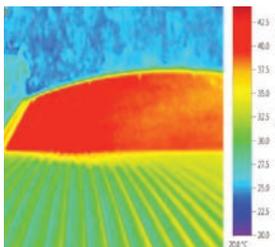
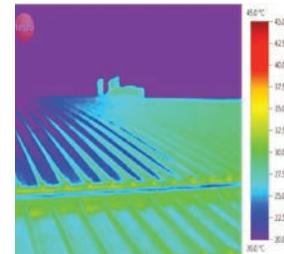
The roof before Solacoat was applied. The ambient temperature was only 28°C and the roof temperature was 57.2°C.



With a roof that reflects a majority of the sun's rays, then only the minimum heat will enter into the cavity. Therefore your home will reach maximum energy efficiency and be cooler by up to 10°C **depending on colour chosen**. If you are going to paint your roof, then paint it cool with Australia's best Heat Reflective Coating,

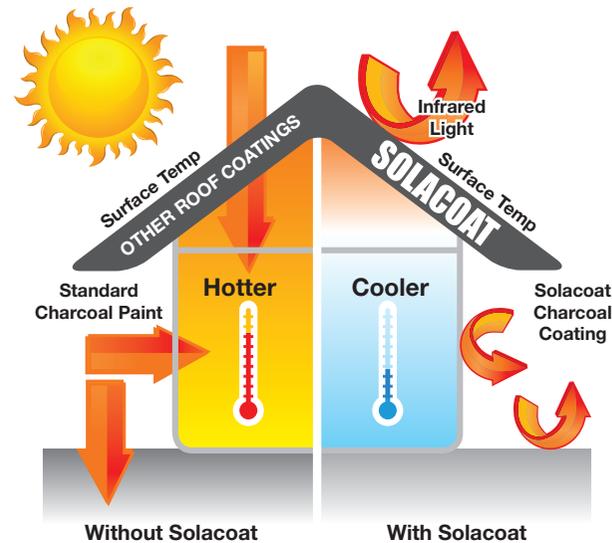


The roof after Solacoat was applied. The ambient temperature is 28°C and the roof temperature is now at 34°C.



This infrared camera picture captures the difference in roof temperatures. Solacoat was applied only to the front roof and has a temperature of only 29.3°C whereas the back roof that doesn't have Solacoat is at 40.3°C. That's a 11°C difference!

How Does it Work?



There are two primary components of sunlight, visible and infrared. Visible light is what we see as colour and makes up roughly 46% of the colour spectrum yet more than half of the spectrum consists of invisible infrared light. Infrared light, because it's invisible, doesn't affect colour but it does transfer into heat build up on surfaces and surrounding areas.

Solacoat Heat Reflective coatings work by reflecting infrared light away from the surface of roofs, walls and pavements, resulting in energy costs savings and cooler surfaces.

Interesting Fact

Here is an interesting fact from research that may surprise you:

A 1°C drop in temperature can provide a 10% power saving, and as such a considerable overall power savings for property.

Macquarie University webpage Energy and Emissions – Sustainability

Why use Solacoat for your Roof, Walls or Pavement...



1. Solacoat will assist in reducing your electricity cooling costs.
2. Solacoat will assist in reducing your internal temperature to a building that is not insulated by between 5°C to 15°C **depending on colour chosen**.
3. It's tough, durable and highly flexible allowing less thermal expansion and contraction of a building.
4. Resists fungi, mould and algae growth plus is low in attracting dirt.
5. Has achieved ASTM International Standards for Solar Reflectance and AS/NZS 4859.1 standards for Thermal Insulation of Buildings.
6. Excellent waterproofing properties and protects against corrosion.
7. Remains flexible and crack free in extreme harsh climatic changes.
8. Safe for the collection of drinking water once the coating has cured.
9. Excellent adhesion to a variety of substrates.
10. A worldwide proven and trusted system manufactured in Australia.

**Depending on management of air-conditioning system and environment.*

If your roof has seen better days, if you are tired of spending too much on cooling costs, or if you're over sweltering on those hot summer days. Then turn your old tired hot roof into an attractive money saving asset with Solacoat... **the World's Best Heat Reflective Coating!**

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