



VALENTINE'S
PAINTING SERVICE

*Cool your World
with...*

COOL ROOF 
With **InfraCOOL** Technology

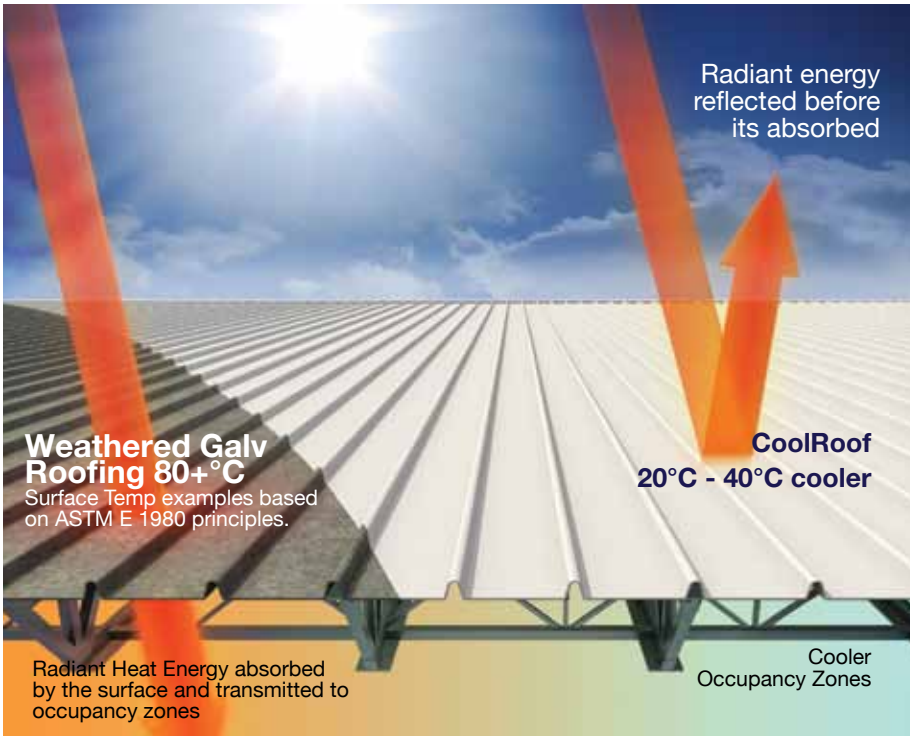
*Metal or Tiled Roofs - any colour!
Commercial & Residential*



www.valentinespainting.com.au



The benefits of CoolRoof



Further reading: Reducing Urban Heat Islands: Compendium of Strategies - US EPA, Geo-engineering, adaption and CO2 mitigation - Climate Progress US

InfraCOOL... Colours that shield from the sun

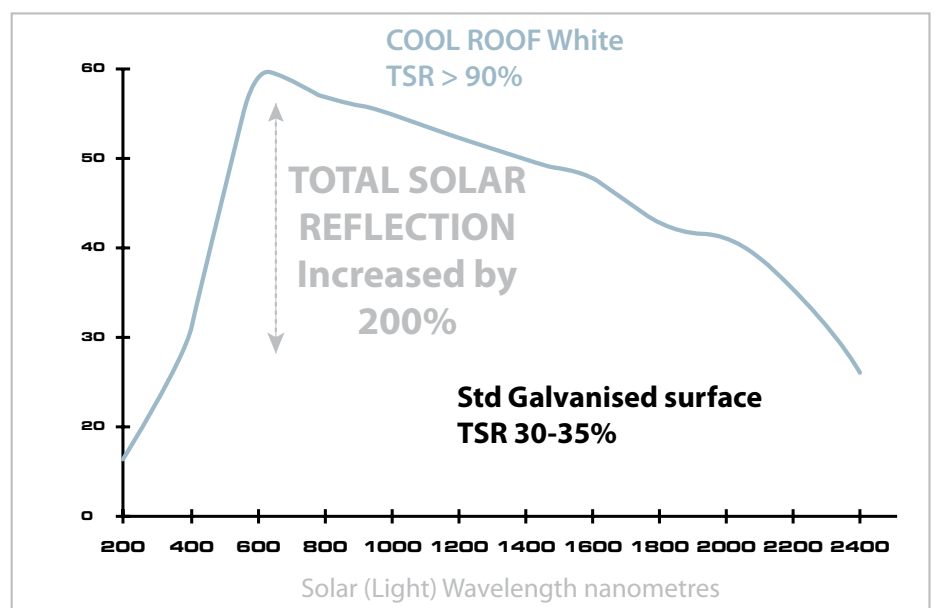
ASTM E903 SOLAR ABSORBANCE

TSR and Spectral Reflectance is tested in accordance with ASTM E-903

% Reflectance of both versions is reported at individual wavelengths from 200 - 2500 nanometers

Results:

- TSR (Total Solar Reflectance) increased from 30% to 90% (200% increase) with InfraCOOL™
- Reflectance increases across both the visible spectrum (300 - 700nm) and most significant portion of the Infra-red spectrum (700 - 1800nm).



Maximum Solar Reflection

Weathered and Dark Coloured roofs absorb massive amounts of solar radiation which in-turn transmits heat into occupancy zones. CoolRoof reflects heat energy in the first instance - before heat is absorbed, meaning insulation & cooling efficiencies are maximised.

Reduced Cooling Costs

Less Heat penetration means lower cooling costs. Comparative guides identify cooling energy savings of 20-40% are possible using CoolRoof technology.

Improved Occupancy Comfort

In non-airconditioned facilities such as workshops and warehousing, cool roof translates immediately to cooler working and warehousing facilities, improving productivity and stability of stored goods.

Lowers Carbon Footprint

Less use of air conditioning reduces power consumption and associated greenhouse gasses which is good for the environment and for you.

Want to LOWER cooling costs ?



Need to LESSEN your carbon emmissions ?

• **Air-Conditioning represents >20% of a commercial building's energy consumption**

• **26% of Australia's Green House emmissions come from Energy Use in buildings**

BENEFITS MODEL
500 m² Roof Area
AIR CONDITIONED

| Cooling Cost saving per year | CO2 reduction perth year (Tonnes) |
|------------------------------|-----------------------------------|
| \$1,975 | 10 |

Dulux InfraCOOL can reduce Cooling Cost by up to 40%



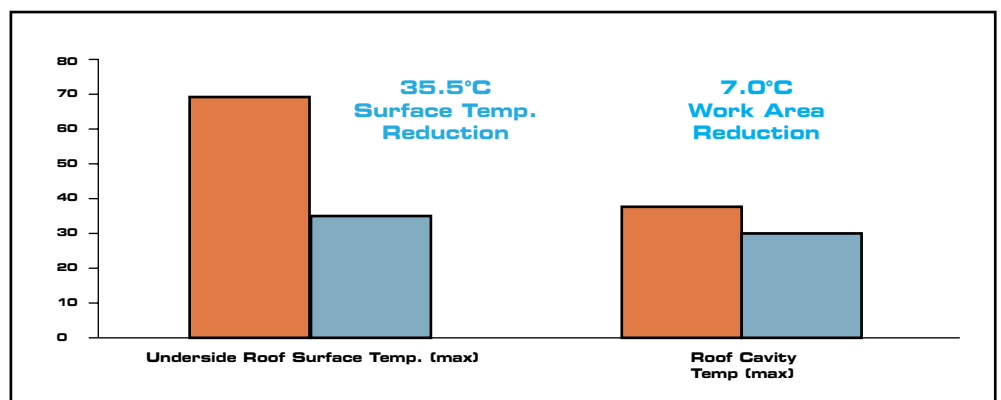
Dulux InfraCOOL can reduce CO₂ emission by up to 10 tonne p.a.

10 YEAR PRODUCT WARRANTY

- Immediate drop in Roof Surface and Ceiling cavity temperatures as evidenced from actual project Temperature Data monitoring

- Improved Occupancy comfort levels:

Immediate feedback from centre staff acknowledge the internal cooling effect of between 5 - 10°C cooler





**VALENTINE'S
PAINTING SERVICE**

VALENTINES PAINTING SERVICE
& CONCRETE FLOOR SEALING SYSTEMS WA

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