

WHITE CoolTop

REFLECTING A COMMITMENT



CoolTop is undoubtedly a reflection of one's commitment to sustainability. **CoolTop** reflects a high percentage of solar radiation, preventing the absorption and, therefore, accumulation of structural heat:



Energy Efficiency.

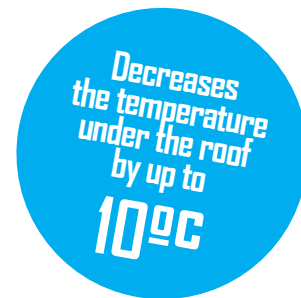
CoolTop is a white, reflective, two-component coating designed for application to building roofs. Rooftops typically feature dark-coloured materials that absorb a lot of heat, which increases the temperature of the entire building structure. **CoolTop** white reflects the solar radiation it receives and creates a thermal barrier, so the building accumulates very little heat.

This phenomenon is explained by:

Reflectivity and Emissivity.

Advantages of CoolTop white:

- Reduced thermal load (temperature of roof).
- Energy savings of 20–50%.
- Protects the building structure.
- Extends the waterproofing system's lifetime.
- Improves the performance of rooftop service equipment.
- Increases the efficiency of solar panels.
- Universal solution: can be applied to most surfaces: asphalt roofing felt, asbestos, polyurethane membrane, metal sheets, plastic, tiles, slate, etc...Can also be applied to ventilation, heating and cooling ducts.
- Heat island effect: Once **CoolTop** has been applied to a group of adjacent buildings, it creates an area whose thermal characteristics differ from the rest of the urban centre.



Procedure:

- Surface preparation: Clean, renovate and repair, then apply **UltraPrime CT** primer.
- Apply **CoolTop** with a roller or airless sprayer.



Properties

Solar reflectance	0,84
Thermal emissivity	0,87
Solar reflectance index (SRI)	105



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Two-component aliphatic polyurethane resin

Once the two-component aliphatic polyurethane resin is applied, it forms a shiny, flexible, continuous film with excellent adherence and outstanding mechanical properties. Resistant to UV rays. Easy to clean and maintain. Resistant to algae and mould growth.

Especially formulated to reflect the sun's rays and form a sustainable thermal barrier. Resistant to standing water.



ULTRAPRIME CT Adherence in sheets

Two-component, 100% solids epoxy resin.

UltraPrime CT is a low-viscosity, two-component, 100% solids epoxy resin especially developed to increase the adherence in roof coating systems.



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