

ThermoTech™ Cool Roof Technology Waterproofing

The Ultimate Heat-Reflective Coating for Energy Efficiency



Overview

RubberTech's Hyper Premium Waterproofing with Thermo and UV Reflective, water repellent Liquid Rubber Paint™ is an innovative, high-performance coating designed to transform rooftops into heat-reflective, energy-saving surfaces. This cutting-edge solution reflects up to 85% of Infrared (IR) and Ultraviolet (UV) radiation, preventing excessive heat absorption and reducing the energy required to cool your building. Engineered for durability, flexibility, and sustainability, this liquid rubber coating is ideal for residential, commercial, and industrial applications.

Features

-  **Superior Reflectivity**
Reflects up to 85% of IR and UV radiation, reducing rooftop temperatures significantly.
Minimizes heat transfer into the building, ensuring a cooler interior environment.
-  **Energy Efficiency**
Decreases air conditioning and other running costs by up to 30% in hot climates.
Helps achieve energy savings, reducing overall running costs and carbon footprint.
-  **Waterproof and Durable**
Forms a seamless, watertight membrane that protects against leaks.
Resistant to cracking, peeling, and extreme weather conditions.
-  **Eco-Friendly**
Non-toxic, solvent-free, and low-VOC formula for a safer application.
Extends the life of the roof by protecting against thermal cycling and UV degradation.
-  **Easy Application**
Can be applied using a roller, brush, or spray equipment.
Adheres to various roofing materials, including metal and fibre cement surfaces.

Why Choose ThermoTech Liquid Rubber Paint?

- With its unmatched heat-reflective properties, energy-saving potential, and ease of use, ThermoTech Liquid Rubber Paint is the ideal solution for transforming your roof into a sustainable, high-performance surface.
- Make your building cooler, more efficient, and environmentally friendly.
- Contains a mold & algae inhibitor – prevents future moss and algae build-up.

Application Areas

- Residential and commercial property roofs with high sun exposure
- Commercial buildings requiring efficient temperature management
- Industrial facilities requiring efficient temperature management
- Warehouses and logistics centers
- Centers looking to reduce running/energy usage costs

Colour Options



Packaging Options

- 10Lt branded drum
- 20Lt branded drum

For more information,
technical support or custom solutions
contact RWF at 078 735 8466
visit www.roofwallfloor.co.za



Application

- Stir well before use.
- With brush, roller or spray apply a generous/thick coat of ThermoTech™ to the area that needs protecting in small manageable sections.
- Firmly and evenly press a layer of woven fabric waterproofing membrane such as Biddim into the wet layer of ThermoTech™.
- In ideal weather, allow to dry 4-6 hours before recoating.
- Apply a second, third and possibly a fourth generous coat, waiting 4-6 hours between coats, until the membrane is totally saturated and the surface has an even and very noticeable high sheen.
- This Product is ready for use un-thinned; thinning with water will reduce its hiding power and effectiveness.
- Three to four coats of this product are used for best results.
- Application equipment clean-up is with clean tap water.
- Do not apply before 09:00 and after 16:00 in the winter.
- Do not apply exterior if it looks like rain will occur within 4-6 hours of application.

Surface Preparation

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| Rusted Metal | <ul style="list-style-type: none"> • Affected areas need to be treated with RostTech™ Rust Converter • Apply 2-3 coats of RubberTech™ ThermoTech™ |
| New Metal | <ul style="list-style-type: none"> • Degrease surfaces with AlgenTech™ Substrate Sanitizer to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free. • Rinse well with potable water. • Prime the Clean Degreased Metal with a water-based Metal Primer • Apply 2-3 coats of RubberTech™ ThermoTech™ |
| Uncoated cement Plaster surfaces | <ul style="list-style-type: none"> • Remove dust, foreign material, fungal and algae growth with AlgenTech™ Substrate Sanitizer • Fill all visible cracks and seal with RubberTech Plaster Primer. • Apply 2-3 coats of RubberTech™ ThermoTech™ |
| Fiber Cement Surfaces (Uncoated, Weathered or New) | <ul style="list-style-type: none"> • Remove dust, foreign material, fungal and algae growth with AlgenTech™ Substrate Sanitizer • If friable or powdery, seal with RubberTech Plaster Primer • Apply 2-3 coats of RubberTech™ ThermoTech™ |
| Previously Painted Surfaces | <ul style="list-style-type: none"> • Make sure old paint coatings are firm and solid. • Remove all loose, flaking and bubbling paint. • Remove all dust, grease, foreign material, fungal and algae growth AlgenTech™ Substrate Sanitizer • Allow to dry. • If then powdery or friable, seal with RubberTech Plaster Primer • Apply 2-3 coats of RubberTech™ ThermoTech™ |

Product Data	Resin Base	Acrylic resin emulsion
	Drying Time	Touch dry: $\pm$ 1 hour Hard dry: $\pm$ 4-6 hours much Longer in Cold Damp Weather
	Film Thickness	Circa 100-150 microns per coat
	Spreading Rate	1-3 SQM per 1 liter Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 0.5-1 square meters per liter for the first coat and 2-3 square meters per liter for subsequent coats and for when applied to sealed, previously painted substrates.
Application Details	Mixing	Always stir well before use with a flat paddle.
	Application Method	Airless Spray Brush and Roller
	Thinning	This Product is ready for use un-thinned; thinning with water will reduce its hiding power.
	Cleaning	Application equipment clean-up is with clean tap water.
Precautions	This Product is not flammable, contains no toxic substances and only low levels of VOC (EU regulations).	

DISCLAIMER

RubberTech™ cannot be held liable if the product fails due to improper surface preparation or application.