



Eco Tech Roof Paint – Data Sheet

Description:

Eco Tech Roof Paint is a high performance finish coat based on specially modified acrylic emulsions. Although formulated as the final colour coat for the **Eco Tech Roof system**. Its unique properties guarantee excellent performance on all properly prepared exterior surfaces. The special additives incorporated in **Eco Tech Roof Paint** ensure maximum UV resistance, waterproofing and gloss retention.

Physical Properties

Resin Type:	Modified Acrylic
Solvent:	Water
Colour:	Wide range of standard roof colours- tintable
Finish:	Available in Gloss, Semi-gloss and Matt
Drying time:	2 hours @ 18°C
Recoat time:	3 hours @ 18°C
Dry Film Thickness:	50µ minimum per coat
No. of coats:	1 Primer 2 Finish coats
Theoretical Coverage:	5-6m ² per litre to attain 150µ DFT
Primer Needed:	Yes depending on substrate and paint system
Thinning & Cleaning:	Should not require thinning, Water clean up.

Performance:

- Excellent adhesion to properly primed surfaces, very good flexibility, water and UV resistance.
- May be used for potable water
- Very good mould resistance.

Limitations:

- Do not apply when temperature is below or expected to fall under 10°C.
- New coated and uncoated roofing iron should be allowed to weather for at least 1 month before applying.
- Down pipes must be disconnected until after first rainfall.
- Unsuitable for areas of ponding water.

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Substrate Preparation:

Ensure all surfaces are clean and dust free. If mould and fungus are present use **Paint Tech Moss & Mould Kill**. Water blasting is the recommended method of surface preparation, followed by a wash down with clean water (if using concentrate moss and mould killer).

- **Eco Tech Roof Paint** may be applied direct to cement or terracotta tile substrates that are in good condition and sound cementitious surfaces, if any kind of warranty is required however the full recommended Basecoat/Top Coat system with strict adherence to the application method must be used.
- For bare metal roofs in good condition, prime with **Zinc Prime** under the **Eco Tech Roof Paint**. Areas that are showing lightly brown rusted areas contact Paint Tech Supplies Ltd for technical advice.
- **Paint Tech's Anti Corrosive Zinc Prime** is recommended for all unpainted galvanised or Zinalume substrates in good condition followed by 2 top coats.
- When painting clay or concrete tiles prime with **Eco Tech Key Coat, Eco Tech Base Coat** before applying **Eco Tech Roof Paint in 2 coats**.

NB: Although **Eco Tech Roof Paint** can be applied direct on some surfaces the best long term protection is gained when the recommended 3 coat system is used and any warrantee/guarantee given is applicable only when the Eco Tech Roof Paint data sheet system is followed precisely.

- For clay and concrete tiles see above.

Application:

Eco Tech Roof Paint can be applied by spray, brush, speed brush or roller. The use of airless spray technique is recommended to be done by an experienced contractor.

Substrate Maintenance: As with all the paintwork on a building, the painted roof should be cleaned once or twice per year, ideally at the beginning of Winter and Summer, with clean water with a little detergent in it. This practice will extend the life of the roof coating. Dirt or moss and mould will dramatically reduce the coatings life.

Warranty: When the Eco Tech roof system has been applied at the specified film thickness and the appropriate primers have been used and the correct maintenance of the paint system (low pressure water blasting) is required to validate our 10 year guarantee. The fully cured coating system should be Chem Washed with the appropriate moss and mould treatment once a year and every year for the life span of the guarantee. Failure to perform coating maintenance or failure to follow the correct application methods will result in a void guarantee.

We recommend experienced applicators that have the correct spraying equipment apply our roof coatings.

Paint Tech Paint Supplies guarantees that our Premium Exterior paint coating systems will not blister, flake or peel for 10 years when applied on properly prepared surfaces as per Paint Tech Paint Supplies technical data sheet (available at www.painttech.co.nz). Paint failure caused by any breakdown of coatings applied previously is not covered by this guarantee. If a Paint Tech Premium Exterior coating system does not perform as specified above we will provide, free of charge, paint to rectify the affected areas. This guarantee is limited and excludes all labour and other charges.

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