



ECO TECH ROOF PAINT

PAINT TECH PAINT SUPPLIES LTD

Paint Tech Paint Supplies Ltd

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Roof Paint Coating System

DESCRIPTION

Eco Tech Roof Paint is a water-based modified acrylic paint system. Formulated around a one-pack high performance specialist elastomeric polymer, which on drying results in a tough flexible water-proof protective membrane.

A system suitable for the preparation, protecting, decorating and water proofing a variety of exterior building surfaces.

Offering fast ‘curing’ and robust application properties and long life performance.

May be applied by airless or air assisted methods plus all traditional methods brush, roller. Ideal for 'airless' spray, very low equipment down time, pre-filtered in factory to high standard, low over spray characteristics, fast dry.

Eco Tech Roof Paint adheres well, directly on to a wide range of substrates for example concrete, brick, galvanized iron, aluminum, old chip or aged bitumen or coated metal roofs and wood etc.

PrimeTech for surface consolidation of highly porous and friable surfaces.

Iron Primer for priming rust treated areas.

BaseCoat for refurbishing chip roofs and specialist priming.

Eco Tech Roof Paint is a very robust protective, flexible, durable and ‘Colour’ Paint membrane. Available in a variety of sheen’s (gloss to matt finishes) and a range of colours.

All above products are suitable for use in ‘Breathable’ coating systems.

SPECIFICATIONS for Eco Tech Roof Paint

Physical form	coloured water-based liquid
Colours	Standard roof colours, custom colours available on request.
Dry Finish	Standard Gloss, Semi, Satin or Matt, custom sheen on request.
Specific gravity @25°C	1.2 to 1.4
pH	7.5 – 8.5
Coverage	BaseCoat cover 6 to 10 sq. meters per litre
	TopCoat cover 10 sq. meters per litre

**(these figures are approximations and may vary due to substrate type and method of application).
Recommend with corrugated iron multiple the surface area by 1.5 (allows for the profile)**

Dry film	water-proof, excellent flexibility, tough.
Durability	Excellent. Can be used in both interior and exterior applications.
Low safety hazard	Non-toxic under normal conditions of use. Wear suitable gloves (eg. disposable plastic) and suitable eye protection when handling wet material. Skin contact with wet material may cause irritation in sensitive persons. Wash off wet material with soap and water. For dried material that can not be washed off use a skin cleanser. Do not use solvents. Wet material is non-flammable. Refer to Material safety data sheet.

APPLICATION Example in Roof Paints

**Surface preparation is as for water based paints.
Thoroughly wash and clean the surface, ensure oil, grease, dirt and loose material removed.
Smooth shiny surfaces may need pre-sanding to ensure maximum mechanical keying.
Normally no priming required with Eco Tech Roof paint.**

**Carry out any concrete repointing that may be required
Any areas of corrosion or rust should be treated with a rust converter before applying Eco Tech Roof Paint.
Recommend then pre-priming the treated area with Iron Primer.**

Eco Tech Roof Paint will bridge hair line cracks.

**Recommend that friable surfaces or substrates exhibiting high water suction should be pre-sealed with PrimeTech before applying Eco Tech Roof Paint.
This both aids adhesion and reduces the amount of Topcoat paint required.**

On "difficult" or unknown substrates check adhesion by test 'painting' a small area, in an unobtrusive area, ensure Eco Tech Roof Paint is fully dried for 24 hours before checking adhesion of test sample. With thumb press sellotape on to painted test area then sharply pull Tape off.

OK if no paint removed.

If applying to a roof where rain water is collected, disconnect all down pipes before applying the Eco Tech Roof Paint and leave disconnected until after two 'rains'.

DO NOT apply PAINT below 10°C, or if the temperature will drop below 10°C within 6 hours of painting or drying is complete.

Do not apply outside if there is a chance of rain within first 24 hours of application.

A 'Winterised' Eco Tech Roof Paint is available to the Trade, allowing extension of the 'painting' season.

Apply Eco Tech Roof Paint using brush, roller, airless or air assisted spray.

When using airless spray use a spraying tip size 18 to 20 thou.

To ensure a water tight seal on long run and corrugated iron 'spot' apply a heavy coat initially to all the joins, ridge cap and valley areas paying particular attention to known problem areas of leakage.

Then apply the normal two coats over the whole roof.

Recommend two coats of Eco Tech Roof Paint, allowing 12 hours drying between each coat.

During cold and wet or high humidity periods, additional drying may be needed between each coat.

Air movement assists Eco Tech Roof Paint drying (for example good room ventilation).

Use of low heat hair dryer may assist dry process, but allow time for normal full through dry to occur before re-painting.

Product must dry before it will develop its water resistance properties.

Wipe up any spills immediately with dry cloth.

Tools should be cleaned in water, before the product dries.

Do not allow wash water run off to enter a storm water drain.

If you have any questions on Eco Tech Roof Paint please contact salea@painttech.co.nz or phone (09) 444-0331

Other Paint Tech specialty high performance coatings and building products are available see www.painttech.co.nz

STORAGE

Eco Tech Roof Paint should be protected from frost, direct sunlight and away from localised heat sources.

Keep containers closed when not in use.

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