



Enviro SurfaPaint ThermoDry Exterior

Thermal Protective Paint for Exterior



DESCRIPTION

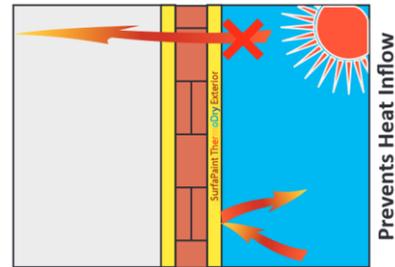
Enviro SurfaPaint ThermoDry Exterior is a high quality acrylic emulsion paint with thermal-protective and elastomeric properties, ideal for exterior use. It contains special nano- and micro-sized thermal-protective ingredients. The thermal-protective particles block heat transfer, reflect thermal radiation, and create a moisture barrier that can result in significant energy savings. Suitable for application on surfaces exposed to adverse weather conditions and for the protection of damaged surfaces with micro cracks.

FEATURES & BENEFITS

- Thermal protective – minimise costs for heating and cooling
- Certified Cool Paint – high solar reflectance
- Elastomeric formulation for crack bridging
- UV & alkali resistant – suitable for adverse weather conditions
- Decreased water absorption – prevents mould growth
- Environmentally friendly – water-based & low VOC
- Easy to apply

TYPICAL USES & APPLICATION SURFACES

Enviro SurfaPaint ThermoDry Exterior can be applied directly on exterior wall surfaces (masonry, concrete, plaster, drywalls), and wherever water-based, acrylic paints are applied.



PHYSICAL PROPERTIES

Density (ISO 2811-1)	1.05 ± 0.05 g/cm ³
pH (ISO 19396-1)	8.8 ± 0.5
Solar Reflectance Index (SRI)	108
Thermal Conductivity (EN ISO 12667:2004)	0.1 W/(mK)
Emittance (ASTM E408-71)	0.91
Thermal Performance of Building Components (ISO 13786:2007)	The paint coating (2 applications) provides thermal protection.
Scrub Resistance (ISO 11998:2006)	Class 1
Solids (%vol.)	55%

SUBSTRATE PREPARATION

All surfaces should be clean, dry and free from oil, grease and other foreign material or contamination.

New substrates of cement or masonry should have cured for more than 3-4 weeks before primer application. For cracks bigger than 1 mm, fill the gap with a suitable putty. Enviro SurfaPaint ThermoDry Exterior can be applied directly on the substrate. For even better results, prime substrate with Enviro Prime WB or Enviro Shield (porous surfaces) or Enviro SurfaMix Universal Primer (non-porous surfaces).

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

customerservice@envirosystems.com.au

All tools and equipment should be cleaned immediately after use with water and soap.





APPLICATION

Stir well before application. Do not dilute for bridging gaps and hairline cracks of up to 0.5 mm. If thinning is required, add up to 10% water by volume. Application temperature should be between 8 and 35°C.

Apply 2-3 even coats using a good quality brush, roller or by spraying with a tip of 1.4 mm or more of diameter. Do not overbrush. Ensure corners and edges are adequately covered. Additional coats should be applied 4-6 hours after the previous application.

COVERAGE

Wet Film Thickness (per coat)	95 µm
Dry Film Thickness (3 coats)	150 µm
Coverage Rate (per coat)	11 m ² /L

Estimated coverage rate is strongly dependent on the properties of the surface applied.

DRYING TIME

Typically 1 hour depending on coat thickness. Low temperatures and high humidity will lengthen drying times.

PACKAGING & COLOURS

Enviro SurfaPaint ThermoDry Exterior is supplied in 10L plastic pails.

DURABILITY

Up to 5 years, depending on application, maintenance, type of use, type of environment and climate.

SHELF LIFE

Enviro SurfaPaint ThermoDry Exterior can be stored in its original sealed containers for 24 months, when placed in a cool environment above 4°C. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure, please contact EnviroSystems for advice.

HEALTH & SAFETY ADVICE

Read label before use. Refer to the Safety Data Sheet for full safety and handling procedures.

NOTE: Safety Data Sheets are available under the individual product page on our website or by emailing customerservice@envirosystems.com.au



APPROVALS & CERTIFICATES

Rated product by European Cool Roofs Council (ECRC)–
Product ID: FA00000004.



We're here to help you!

It is a good idea to keep a journal of your projects, whether big or small.

- Take pictures at all stages of your work, including preparation.
- Record the quantity and description of products used with corresponding batch numbers.
- Record dates and times of when you applied products, from start to finish.

Please do not hesitate to contact us for any questions you may have.

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