

enviro SurfaPore W



WATER, OIL & DIRT REPELLENT FOR TIMBER SURFACES

PRODUCT DATA SHEET

Enviro SurfaPore W is a water-based formulation, specifically designed to harness the power of nanotechnology, in order to preserve absorptive wooden surfaces. By making wood water resistant, it assures dimensional stability and protection against warping and decay. It also provides water and oil repellency.

FEATURES

- Invisible & non-film forming – does not change the appearance of the protected surface
- Protects against oil and water absorption
- Repels dirt and protects against stains
- Effective against wood boring insects
- Preserves natural wood appearance
- Long lasting and easy to apply
- Water based

TYPICAL USES

Enviro SurfaPore W can provide complete protection for decking, fences/posts, façade and roof shingles, garden furniture and sheds, docks or any absorptive wood that needs combined protection and natural appearance. It can be successfully used as an additive (10% dilution ratio) in pressure-treatment solutions to protect wood.

APPLICATION SURFACES

Ideal for absorptive wooden surfaces.

SUBSTRATE PREPARATION

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

APPLICATION

For any surface, test on a small area before full scale application. Apply Enviro SurfaPore W by using a brush, roller or spray gun. Maximum performance is reached 24h after application. In case of very absorptive surfaces, re-apply within 2 hours.

Wood stain or varnish after application

Let Enviro SurfaPore W cure for at least 72h before application of wood stain or varnish. Applying wood varnish or stain on a Enviro SurfaPore W treated surface might affect their colour or adherence. Test results on a small area before full scale application.

COVERAGE

Estimated coverage of 8-15 m²/L per coat, strongly dependent on the properties of the surface applied.

PACKAGING

Enviro SurfaPore W is supplied in 1L containers.

SHELF LIFE

Enviro SurfaPore W 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

PHYSICAL PROPERTIES

Form/Type	Water suspension
Colour	Yellowish
Application temperature	From +10°C to +35°C
Density	1.00 ± 0.05 g/cm ³
pH	4.0 ± 0.5
VOC	1g/L
Viscosity	2mPa-s @ 20°C

INTERNATIONAL STANDARDS TESTING

Determination of swelling in thickness after immersion in water (EN 317:1993)	Enviro SurfaPore W treated wood exhibited 27% reduction in swelling and 52% reduction in water mass absorption.
Determination of surface absorption of water	88% reduction for the treated wood sample compared to the untreated.
Ageing test (ISO EN 11507 Method A, QUV-B)	800h Enviro SurfaPore W retains its functionality at 605.

We're here to help you!

It is a good idea to keep a journal of your job, 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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