

enviro



SurfaPore

M



WATER, OIL & DIRT REPELLENT FOR MARBLE & POROUS SURFACES

PRODUCT DATA SHEET

Enviro SurfaPore M is a water-based formulation, specifically designed to harness the power of nanotechnology to achieve both oil and water repellency. The core nano-sized particles are engineered to fit the pores of the applied surface, penetrating and “flooding” the pores. After coating, water, oil and dirt fail to penetrate the pores of the substrate, providing easy cleaning and protection against stains.

FEATURES

- Invisible & non-film forming – does not change the appearance of the protected surface
- Long-lasting & UV-resistant – does not discolour or yellow
- Environmentally friendly – water-based & low VOC
- High breathability – no swelling or cracking due to trapped moisture
- Odourless & easy to apply

TYPICAL USES

Enviro SurfaPore M can be used on any areas that need protection against water, oil and alkaline stains, such as:

- Floors
- Garages
- Barbeque areas
- Terraces
- Interior & exterior walls
- Roofs

APPLICATION SURFACES

Enviro SurfaPore M is ideal for porous surfaces such as:

- Unpolished natural & artificial stone (e.g. marble, granite, limestone, etc.)
- Cementitious surfaces (e.g. concrete, mortar, grout, render, stucco, etc.)

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 2 coats of Enviro SurfaPore M by using a brush, roller or spray gun. No dilution is required.

The second coat should be applied after the first coat has visibly penetrated and dried, and no more than 3 hours after the first application. Maximum water repellency is achieved 24 hours post application.

COVERAGE

Estimated coverage of 8-10 m²/L per coat, strongly dependent on the properties of the surface applied.

DURABILITY

Enviro SurfaPore M will last up to 10 years, depending on application, maintenance, type of use, type of stone or tile, type of environment and climate.

Note: Enviro SurfaPore M will not prevent surface wear or etching from acids or caustic chemicals.

PACKAGING

Enviro SurfaPore M is supplied in 1L and 3L containers.

SHELF LIFE

Enviro SurfaPore M 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	Clear
Application temperature	From +5°C to +35°C
Density	1.0 ± 0.05 g/cm ³
pH	4.0 ± 0.5
VOC	1g/L
Viscosity	2mPa-s

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use of application and no warranty as to accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use. Note: Field service where provided, does not constitute supervisory responsibility. Suggestions made by EnviroSystems Technologies either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not EnviroSystems Technologies are responsible for carrying out procedures appropriate to a specific application.

INTERNATIONAL STANDARDS TESTING

Water absorption under low pressure (RILEM Test Method 11.4)	The test determines the water absorption rate of a concrete surface. After 24 hours in contact with water, surface treated with SurfaPore M absorbed 0.8 mL, while the untreated surface absorbed 1.2 mL.
Water vapor transmission (ASTM E 96)	Water vapor permeability was measured as the rate at which water vapor passes through a 1 cm thick porous stone sample. Samples treated with SurfaPore M only lost 2.12% of original vapor permeability.
Contact angle measurement	Treated marble demonstrates 127° with water droplet.

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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