

# enviro SurfaPore C



## WATER REPELLENT FOR CEMENT & POROUS SURFACES

### PRODUCT DATA SHEET

Enviro SurfaPore C is a water-based formulation, specifically designed to harness the power of nanotechnology to provide water repellency and protection to a wide range of porous surfaces. As its viscosity is similar to that of water, it deeply penetrates into the pores and capillaries that typical elastomer or polymer formulations cannot reach.

#### FEATURES

- Protects against water and water-related problems such as chloride ion penetration, salt corrosion, efflorescence, mould growth, rising damp
- Deep penetration – protection not affected by abrasion, deterioration and mechanical wear
- Long-lasting & UV-resistant – does not discolour or yellow
- High breathability – no swelling or cracking due to trapped moisture
- Invisible & non-film forming – does not change the appearance of the protected surface
- Easy application on surface or mixed in mortar
- Environmentally friendly – water-based & low VOC

#### TYPICAL USES

SurfaPore C can be used on any areas that need protection from water and water-related problems like mould growth, efflorescence and rising damp, such as:

- Interior & exterior walls
- Floors
- Roofs
- Basements
- Terraces

If protection against oil and stains is also desired, use Enviro SurfaPore M.

#### APPLICATION SURFACES

Enviro SurfaPore C is ideal for porous surfaces such as:

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

##### As a grout sealer

Apply 2 coats of Enviro SurfaPore C on the grout lines by using a brush.

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. After each application, wipe off any residue of Enviro SurfaPore C that may have accumulated on the tiles. Maximum water repellency is achieved 24 hours post application.

#### As a surface sealer

Apply 2 coats of Enviro SurfaPore C by using a brush, roller, spray gun or airless sprayer. 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 m<sup>2</sup>/L per coat, strongly dependent on the properties of the surface applied.

## DURABILITY

#### As a grout sealer

Up to 3 years, upon proper application and limited use of corroding detergents and cleaners.

#### As a surface sealer

Up to 10 years, depending on application, maintenance, type of use, type of stone or tile, type of environment and climate.

## PACKAGING

Enviro SurfaPore C is supplied in 1L and 10L containers.

## SHELF LIFE

Enviro SurfaPore C can be stored in its original sealed containers for 18 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](mailto:customerservice@envirosystems.com.au)

## PHYSICAL PROPERTIES

Form/Type	Water emulsion
Colour	Milky white, clear when dry
Density	1.00 ± 0.03 g/cm <sup>3</sup>
Application temperature	From +5°C to +35°C
pH	6.0 ± 0.5
VOC (Volatile Organic Compounds)	Maximum: 0.1 g/L
Boiling & Flash point	> 100°C
Auto ignition point	> 100°C
Viscosity	2 mPa-s

## 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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