

## Product Description

ECOCLEAN Sacrificial Graffiti Shield is a water-based, sacrificial surface protection system designed for use on a wide range of porous substrates. It provides highly effective protection against graffiti while significantly reducing the penetration of salts, moss, and moulds.

Classified as a non-dangerous chemical, the product is environmentally friendly and delivers long-term protection, remaining effective for up to ten years under appropriate conditions.

## Intended Uses

This hydrophobic coating is formulated for optimal performance in both internal and external environments. It is suitable for surfaces that require protection from graffiti, water ingress, and exposure to environmental pollutants or chemicals.

ECOCLEAN Sacrificial Graffiti Shield is easy to apply, quick drying, and ideal for porous, absorbent, cementitious substrates such as stone, smooth off-form concrete (both in situ and precast), glass reinforced concrete (GRC), masonry, and fibre cement. It performs particularly well on facades, walls, floors, and other architectural elements exposed to potential contamination or vandalism.

## Practical Information

|                       |                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Product Code          | S029SG                                                                                                                                |
| Colour                | Light milky liquid (clear when dry)                                                                                                   |
| Gloss                 | No change in gloss level.                                                                                                             |
| Theoretical Coverage  | 5-8 m <sup>2</sup> /litre for masonry, concrete, natural stone, and granite<br>3-5 m <sup>2</sup> /litre for sandstone and limestone* |
| Practical Coverage    | Depends on application (apply appropriate loss factors)                                                                               |
| Method of Application | Roller, brush, or spray                                                                                                               |

*\*Coverage estimates are dependent on the nature, roughness, and porosity of the surface. Coating a test surface (1-2m<sup>2</sup>) is recommended to make a precise calculation of the required quantity.*

## Regulatory Data

|                       |                |
|-----------------------|----------------|
| Flash Point (Typical) | Not applicable |
| VOC                   | Not applicable |

## Surface Preparation

All surfaces must be clean, sound, and completely dry prior to the application of ECOCLEAN Sacrificial Graffiti Shield.

Remove all visible salts, pollutants, algal, fungal, and moss growth. Concrete panel surfaces must be thoroughly cleaned and dry. If a mould release agent or oil was used during the construction of panels, it must be completely removed using an approved water-based degreaser or equivalent cleaning method.

Conduct a pressure water wash to remove any residual surface contaminants, then allow the surface to dry fully. Moisture content should be checked using an appropriate moisture meter to ensure the substrate is sufficiently dry before application.

Any required patching or surface repairs must be completed and cured. A final check should confirm that the surface is clean, dry, and ready for coating with ECOCLEAN Sacrificial Graffiti Shield.

## Application

ECOCLEAN Sacrificial Graffiti Shield is intended for use only by trained applicators in accordance with this technical data sheet, the Safety Data Sheet (SDS), and the instructions on the product label. For clarification or technical support prior to use, please contact the ECOCLEAN team.

Apply the product only when ambient temperatures are between +10°C and +35°C, and when no rain is forecast during the application and drying period. Relative humidity to be less than 85%.

1. Apply ECOCLEAN Sacrificial Graffiti Shield generously using a brush, roller, or spray.
2. Continue applying in layers until the surface is fully saturated.
3. Remove any surplus product using a dry roller to ensure an even finish.
4. Protect the coated surface from rain for a minimum of 5 to 6 hours following application.
5. Allow the coating to dry fully for 24 hours before subjecting the surface to cleaning or graffiti removal.

### Application Equipment

Use dedicated tools for applying ECOCLEAN Sacrificial Graffiti Shield. Do not contaminate with other liquids. For small areas, application may be done using a paint pad, roller, or brush. For larger areas, spray equipment is recommended. A fine tip spray nozzle (0.8–1.2 mm) is preferred, as the product has a water-like viscosity. Take care to avoid streaking or drips, and apply the coating in small, manageable sections to ensure uniform coverage.

### Clean Up

Spills and overspray must be cleaned immediately with water and should not be allowed to dry. All application equipment should be cleaned thoroughly with water immediately after use. Dispose of any excess material and empty containers in accordance with local environmental regulations and legislation.

### Storage

Store the product in its original, sealed container until use. On-site, containers should be kept in a cool, shaded location. Storage temperatures should be maintained between 5°C and 30°C. Do not allow the product to freeze or be refrigerated below 5°C. Excess product should not be returned to the original container.

## Product Characteristics

A test patch should always be applied prior to full-scale application to determine appropriate coverage and assess substrate compatibility. This technical data sheet offers general guidance only; project-specific variables such as substrate type and condition, environmental exposure, and end-use must be considered. ECOCLEAN Sacrificial Graffiti Shield should be applied strictly according to specification. Over-application may lead to cracking and reduced performance. Consult ECOCLEAN for advice if the suitability of the product is uncertain for a given project.

## Safety Precautions

Avoid contact with eyes and skin. Do not ingest. Keep out of reach of children. This product is intended for use only by trained applicators and should not be used without reference to the Safety Data Sheet (SDS), which is available on request. Appropriate personal protective equipment (PPE) must be worn during handling and application. Ensure all safety, storage, and disposal guidelines are followed in accordance with the SDS and regional regulations.

## Additional Information

### General Cleaning and Graffiti Removal

To maintain the surface and maximize the longevity of ECOCLEAN Sacrificial Graffiti Shield, clean the coated areas with low-pressure, cold water at least once every 12 months. Graffiti should be removed as soon as possible after application. For graffiti removal, hot water/steam at a temperature of approx. 80°C to 90°C must be applied directly to the surface using a spray jet. It is essential to maintain the water temperature within this range at the surface during the cleaning process to effectively dissolve the coating and remove graffiti. Alternatively, graffiti may be removed using ECOTONE Graffiti Remover. Refer to the relevant technical data sheet for detailed procedures. After each graffiti removal, the treated area must be re-coated with ECOCLEAN Sacrificial Graffiti Shield to restore protection.

**Pack Size:** 10L container | **Shelf Life:** 2 years from date of manufacture, when stored in dark or low light conditions between 5–30°C.

The information on this data sheet is not exhaustive, please contact us for more information. All products supplied and technical given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous improvement. It is the user's responsibility to check that this data sheet is current prior to using the product. ECOCLEAN and all products mentioned in this publication are registered trademarks.