

# PRODUCT DATASHEET

## ECOSEALER ENHANCER

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**MANUFACTURER'S CODE:** ESE1-1000

**UPDATED:** 12-06-2023

**PRODUCT NAME:** ECOSEALER ENHANCER

**DESCRIPTION:** ECOSEALER ENHANCER is a water-based oil and water repellent and colour enhancing sealer. This product is designed as a protective sealer to penetrate into the capillaries of the masonry surface and permanently bond within the substrate rendering the surface water and oil repellent (stain resistant). It will also enhance the colour of most masonry substrates. This sealer provides excellent stain resistance against an extensive range of surface contaminants such as oil, coffee, wine, tannin, grease, food and other stains. This product is not a membrane forming sealer or a coating, but penetrates into the substrate providing a wet-look finish with minimal change to the surface texture or vapour permeability.

**RECOMMENDED USES:** ECOSEALER ENHANCER is suitable for masonry materials and is best suited for treating porous coloured masonry substrates such as natural stone, coloured concrete blocks and pavers, driveways, clay bricks, tiles, and clay pavers.

Some of the important features and key benefits include:

- Darkens the surface with minimum change of surface texture
- Excellent resistance to oil & water-based stains
- Reduces water absorption and algae/mould growth
- Penetrates and bonds to the masonry substrate
- Durable protection and wear resistance
- Best suited to porous coloured masonry substrates

**TEST & PERFORMANCE:** Please refer to the separate Red Wolf Test Reports.

**USE INSTRUCTIONS:** Please read this product information sheet before application. Do not apply if extreme weather conditions are expected. Before application, the surface to be treated must be dry, firm and clean of any dirt, grime, oil and any previous coatings or sealers. Cracks should be filled and allowed to cure before application.

**Mix or shake the product well before use.**

As masonry substrates vary, a test **MUST** be conducted prior to application to confirm the suitability of this product for the intended purpose and to determine the likely coverage rate for the proposed substrate.

ECOSEALER ENHANCER is best applied wet-on-wet using a low-pressure hand-held sprayer. This product can also be applied wet-on-wet using a brush, a roller or mop. The surface should be flooded with plenty of sealer to ensure adequate penetration. If the first coat is absorbed by the surface, a second coat should be applied immediately while the surface is still wet. Any sealer remaining on the surface after 10 minutes should be removed. Use a cloth or mop to wipe off the excessive sealer to reveal a homogeneous surface finish. This will prevent a glazed or uneven finish after drying. More wet-on-wet application may be required for very porous substrates, whereas one coat may be sufficient for very dense surfaces such as bluestone, granite and slate.

The consumption of ECOSEALER ENHANCER varies depending on the permeability of the substrate. Coverage may be in the order of 10 - 20 m<sup>2</sup> per litre per coat, or could be out of this range for very dense or porous substrates.

The best way to determine the number of coats required, or the consumption rate, is to perform a trial before application.

For dense, smooth, or polished substrates, it may be necessary to polish the surface after application with a light-coloured dry cloth or polish pad to remove excessive sealer and to reveal the desired finish. This may be done after the surface is touch dry or within a couple of hours after application. Moistening the polish pad with ECOSEALER ENHANCER may help in the polishing process. Generally no dilution is recommended, however, for some dense surfaces, better results may be obtained by diluting the product with deionised water before applying ECOSEALER ENHANCER. A test is highly recommended.

Initial oil and water repellence will begin to develop after the surface is touch dry. Full curing may take up to 7 days. Avoid heavy traffic for a minimum of 24 hours. Wash equipment in water and detergent.

|                      |                   |                             |
|----------------------|-------------------|-----------------------------|
| <b>TYPICAL DATA:</b> | Appearance:       | white emulsion              |
|                      | Specific Gravity: | approximately 1g/ml at 20°C |
|                      | Solubility:       | miscible in water           |
|                      | Active content:   | <50%                        |
|                      | VOC content:      | Nil                         |

**IMPORTANT NOTE:** ECOSEALER ENHANCER penetrates into the masonry capillaries and renders the surface oil & water repellent without blocking the capillaries. This sealer is designed to protect the surface against instant staining. Prolonged contact of contaminants on the treated surface can still result in penetration and cause staining. It is therefore strongly recommended that any contaminants should be removed as soon as possible to avoid any risk of permanent staining. This sealer will not prevent surface etching or wearing. ECOSEALER ENHANCER will promote easy cleaning and overall maintenance of a treated surface. General cleaning with household detergent, water and gentle brushing is recommended. Avoid acid or alkaline cleaning materials and aggressive brushing.

**HANDLING & STORAGE:** ECOSEALER ENHANCER is a water-based non-hazardous material. Refer to the Safety Datasheet for safe handling and storage. The product has a shelf life of 6 months in its original sealed container stored under 25°C. It should be used as soon as possible after opening. This product should not be contaminated with any building materials, other chemicals, or dilutants.

Store in a cool dry place away from fire and ignition sources. Use in areas with sufficient ventilation away from any fire or ignition sources.

**KEEP OUT OF REACH OF CHILDREN!  
DO NOT ASPIRATE OR INGEST!**

**PACKAGING:** ECOSEALER ENHANCER is available in 1, 5, 20, 200 & 1000 litre plastic containers.

**DISCLAIMER:**

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge. As the storage, handling and application of this material is beyond our control; we can only be responsible for the quality of our product at the time of dispatch. We reserve the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. It is the responsibility of the end user to determine the suitability of this material for any particular application.