

PRODUCT INFORMATION

PROTECTASEAL ENHANCER-W

Page 1 of 2

Manufacturer's Code: RPPSEW

Updated: 27/07/2015

Product Name: PROTECTASEAL ENHANCER-W

Description: PROTECTASEAL ENHANCER-W 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 the masonry substrate. This sealer provides excellent stain resistance against an extensive range of surface contaminants such as oil, coffee, wine, tannin, grease, food and other food colour containing stains. This product is not form forming sealer or a coating, but penetrates into the substrate providing wet-look finish with minimal change to the surface texture and vapour permeability.

Recommended Uses: PROTECTASEAL ENHANCER-W is suitable for masonry materials and is best suitable for treating porous coloured masonry substrates such as natural stones, concrete blocks and pavers, driveways, clay bricks, tiles, and grouts and mortars. Some of the important features and key benefits include:

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

Test & Performance: Please refer to the separate Tech-Dry Test Reports.

Use Instructions: Please completely read and understand the 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 most masonry substrates vary, a test MUST be conducted prior to application to determine and confirm product suitability for the particular purpose.

PROTECTASEAL ENHANCER-W is best applied wet-on-wet using a low-pressure hand spray. This product can also be applied wet-on-wet using a brush, a roller or mop. The initial treated surface should be flooded with plenty of sealer to ensure enough sealer is applied. After the 1st coat is absorbed by the surface, the 2nd coat is applied immediately while the surface is still wet. Any remaining sealer visible on the surface which has not been absorbed after 10 minutes should be removed. Use a cloth or mop to wipe off the excessive sealer to reveal homogeneous surface finish. To do this is to avoid possible surface sheen or blotchy finish after dry. More wet-on-wet application may be required for very porous substrates.

The consumption of **PROTECTASEAL ENHANCER-W** varies depending on the permeability of the substrate. This may be in the order of 10-20 m² per litre per coat or could be out of this range significantly.

Alternately, the number of applications depends on the permeability of substrate. Two wet-on-wet coats are generally recommended. For very porous substrates, more wet-on-wet coats may be required. However, one coat may be sufficient for very dense substrates such as bluestone, granite and slate. Over application may cause surface sheen, blotchy or unevenness. The best way to determine number of coats or consumption 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 to reveal the original finish. This may be done after the surface is touch dry or within a couple of hours after application. Moistening the polish pad with **PROTECTASEAL ENHANCER-W** may help in the polishing process. Generally no dilution is recommended, however, for some dense surfaces, better result may be obtained by diluting the product with deionised water before applying **PROTECTASEAL ENHANCER-W**. However, a test is highly recommended.

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

Typical Data:	Appearance:	white emulsion
	Specific Gravity:	approximately 1g/ml at 20 °C
	Solubility:	miscible in water
	Active content:	<50%
	VOC content:	not applicable

Important Note: **PROTECTASEAL ENHANCER-W** 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. However, prolonged contact of contaminants on the treated surface can still penetrate and cause staining. Therefore, it is strongly recommended that any contaminants should be removed immediately to avoid any possible permanent staining. This sealer will not prevent surface etching or wearing. **PROTECTASEAL ENHANCER-W** 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: **PROTECTASEAL ENHANCER-W** is a water-based non-dangerous material. Refer to the product material safety data sheet for safe handling and storage. The product has a shelf life of 6 months in the sealed container under 25°C. It should be used as soon as possible after opening. This product should not be contaminated with any building materials or any other chemicals.

Stored in a cool dry place away from water, fire or ignition sources. Use with sufficient ventilation away from any fire or ignition sources.

KEEP OUT OF REACH OF CHILDREN!

Packaging: **PROTECTASEAL ENHANCER-W** is available in 1, 5, 20 and 200 litre metal drums. Other sized containers are available on request.

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.