

PRODUCT INFORMATION

EMULSION PCW50E

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Manufacturer's Code: RPPCW50E

Updated: 01/01/2021

Product Name: EMULSION PCW50E

Description: EMULSION PCW50E is unique water-based oil and water repellent and colour enhancing sealer concentrate. After dilution with water, this product becomes a penetrating stain resistant and colour enhancing sealer for treating masonry substrates. This sealer provides good stain resistance against most staining compounds such as oil, coffee, wine, tannin, grease, food or other staining materials. The product is a non-film-forming but penetrating sealer, providing a wet-look or good colour enhancing effect to most masonry surfaces. The sealer will not significantly change the surface texture and vapour permeability.

Some of the important features and benefits of EMULSION PCW50E include:

- Good resistance to oil & water-based stains.
- Reduce water absorption and algae/mould growth.
- Penetrates & bonds to the masonry substrate providing long term protection.
- Darkens surface with minimum change to surface texture & vapour permeability.
- Suitable for all masonry, especially porous masonry substrates.
- Durable, low VOC, and UV stable formulation.

Recommended Uses: EMULSION PCW50E is suitable for treating most masonry materials, but is best applied on porous substrates such as natural stones, concrete blocks, bricks/pavers, tiles and grout. Due to the water-based formulation, EMULSION PCW50E may have limited penetration in dense substrates, so that it is well suited for the treatment of permeable surfaces. However, it can still provide reasonable water repellent and stain resistant performance to dense substrates with good colour enhancing effect.

The recommended dilution ratio for ready-to-use stain resistant and colour enhancing sealer is **1 part EMULSION PCW50E to 3 parts deionised water**. However, the best dilution ratio should be determined by pilot testing.

Please refer to the data sheet of Emulsion PCW50 (or Tech-Dry Protectaseal W) for application and product performance, or see the attached colour enhancing test results.

As most masonry substrates vary, tests MUST be conducted prior to application to determine and confirm product suitability for the particular purpose.

Typical Data:	Appearance:	White emulsion
	Active content:	50%
	Specific Gravity:	c.a. 0.99 g/ml at 20°C
	pH value:	c.a. 7-9
	Solubility in water:	miscible in water
	VOC content:	nil

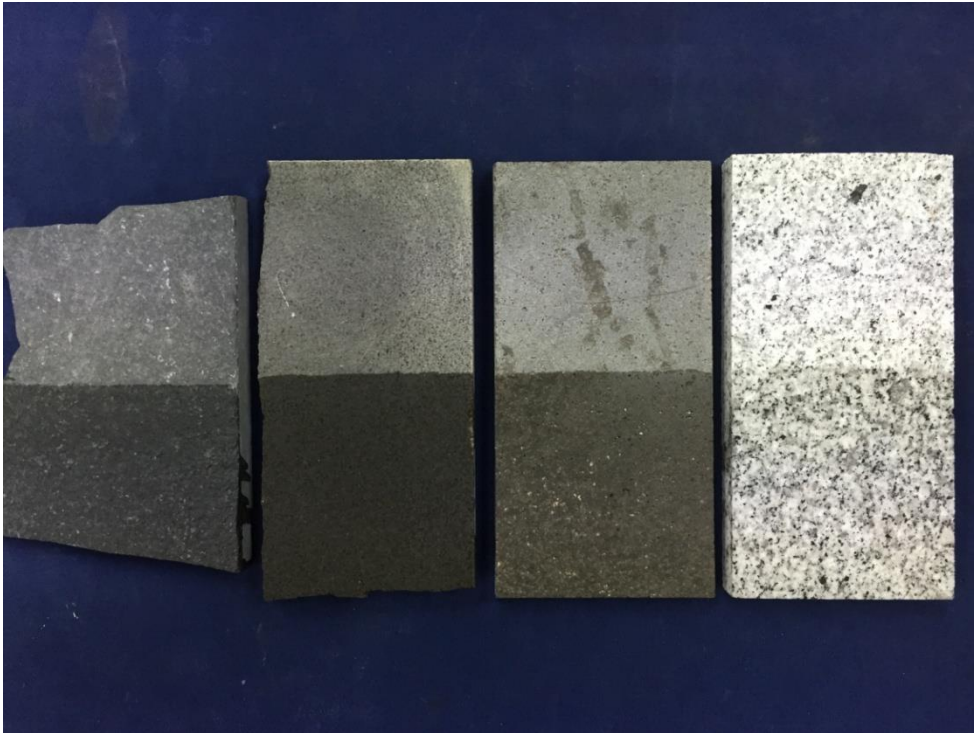
Handling & Storage: EMULSION PCW50E is a non-hazardous product. Please follow good industrial hygiene procedures when handling the product. The product should be stored in sealed containers in a cool dry place away from fire sources. The recommended shelf life is 6 months in a sealed container at below 25°C.

Packaging: EMULSION PCW50E is available in 20, 200 and 1,000 litre 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.

Tech-Dry Emulsion PCW50E Colour Enhancing Test Results
08/05/2015

1. Dense natural stones from left: slate, Asia bluestone, Australia bluestone and granite



2. Permeable natural sandstones



3. Light colour natural stones from left: travertine and limestone



4. Concrete: wet cast pavers and pressed pavers

