

CHEMRITE WATERPROOFING – MOISTURE SEAL

Water based, hydrophilic, industrial primer

Product Description

CHEMRITE® Moisture Seal is a two component water-based epoxy moisture and vapour barrier. It is a high performance two component, water-based epoxy coating to prevent water seepage and permeation for floors, walls, water tanks, reservoirs and/or water retaining structures.

Features

CHEMRITE® Moisture Seal is a two part compound that can be applied by airless gun, roller or brush. It can serve as a primer or sealer over concrete.

Some other features:

- Excellent Primer
- Good through cure
- Bonds well to wet/damp surfaces
- Zero VOC's – no nasty smells
- Easy 1:1 mixing ratio
- Easy to apply
- Water clean-up
- Non-flammable

Typical applications

- Low vapour transmission barrier prior to the application of epoxy paints
- Primer for epoxy coatings
- As a waterproofing membrane to prevent water seepage or moisture penetration
- A general epoxy for concrete protection and sealing

Technical

	CHEMRITE® Moisture Seal
Work time (@25°C , 55% RH)	45 minutes
Cure Time (@25°C , 55% RH)	12 hours
Re-coat time (@25°C , 55% RH)	3 hours
Full Cure	7 Days
Chemical resistance	Good
UV resistance	low
VOC	Zero
Shelf life	12 Months
Indicative coverage – smooth surfaces	8 m ² /l

Preparation and application

Preparation

The surface should be cleaned free from grease and oil. When clean, remove all surface laitance or loose particles by grit blasting, grinding or scabbling. All surfaces to be treated must be structurally sound.

Mix Preparation

Each component should be individually mixed to form a homogeneous compound prior to mixing. Thoroughly mix the two parts in the ratio of 1:1 by volume using a mixer drill at a very slow speed of 250 rpm, or by hand. Mixing should continue until it is clear that the product has a constant consistency and colour.

Only mix as much as may be used within the pot life of the product and avoid excessive aeration during mixing.

Do not dilute with water.

Discard any material which has exceeded the pot life or working time.

Application

CHEMRITE® Epoxy Moisture Seal can be applied by roller, brush or airless spray to prepared surfaces. Care must be taken to work the material into the surface to fill voids and avoid pin holing. When CHEMRITE Moisture Seal is to be used as a stand alone coating, a minimum of two coats is strongly recommended.

Allow to cure for a minimum of 24 hours before applying adhesives, mortars, decorative coatings or other surface treatments. Take extreme care when applying subsequent coatings not to damage the coating in any way.

Cleaning

All tools and spillages can be cleaned using warm soapy water.

Packaging

CHEMRITE® Moisture Seal is packaged in 10 litre kits.

Safety Precautions

Whenever applying an epoxy resin, protective clothing must be worn. At a minimum, suitable rubber gloves and protective eyewear must be worn.

This epoxy is classified as hazardous and it is recommended that you refer to the Material Safety Data Sheet (MSDS).

Product Disclaimer

This Technical Data Sheet (TDS) summarises to the best of our knowledge the product and how to use and apply the product based on the information available to us at the time. It is recommended that you read this TDS and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. If you are uncertain about any content herein, it is strongly recommended that you contact one of our technical experts for advice. Our responsibility for products sold is subject to the CHEMRITE Technologies standard terms and conditions of sale. We do not accept any liability for any losses suffered for damages of any nature whatsoever resulting from the use of or reliance upon information or the product to which information refers.

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