



BERGER

PRODUCT SPECIFICATIONS

BERGER HYDROLOCK PRIMER

Efflorescence Resistance Primer

PRODUCT DESCRIPTION

Berger Hydrolock is modified acrylic emulsion-based primer/sealer reinforced with polymeric fibres which provides a high-performance efflorescence resistance property.

- Special silane additive to enhance performance over new and existing painted surface.
- Low VOC, Eco-friendly waterborne product.
- Deep penetration gives excellent adhesion to masonry substrates.
- Excellent sealing properties.
- Good alkali and anti-carbonation resistance.
- Fungus and algae resistant.

DESIGN USE

- As a primer / sealer coat for new and old masonry substrates. Suitable for both interior and exterior use.

PHYSICAL DATA

VOLUME SOLIDS	25%
DRY FILM THICKNESS (DFT)	25 µm per coat
WET FILM THICKNESS (WFT)	100 µm per coat
NUMBER OF COATS	1 – 2
THEORETICAL COVERAGE	10.0 m ² / litre per coat @ 25 µm dft
FINISH	Matt
COLOUR RANGE	White
NO. OF COMPONENTS	Single
STANDARD PACKING SIZE	5 Litres and 20 Litres

APPLICATION METHOD

Roller	Recommended method of application
Brush	May be used for small areas, inaccessible areas and touch up.

Stir contents of the can thoroughly before use. Thinning is not usually required. However, if thinning is desired, do not exceed the recommended thinning ratio.

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
25 °C	30 minutes	60 minutes	5 hours	Indefinite

ADDITIONAL INFORMATION

Thinner	Water
Thinning Ratio	5% maximum
Cleaning Solvent	Water
Flash Point	N.A.
Storage Requirements	Store in a cool, dry area away from direct sunlight.



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SURFACE PREPARATION

The service life span and the service performance of this product are directly related to the degree of surface preparation.

- New concrete should be left for at least 21 days to cure before coating.
- The moisture content of the concrete surface should be checked and ensured to be below 16% when measured with a reliable protimeter moisture meter.
- The surface to be overcoated should be dry, free from surface contaminants, sound and undamaged.
- Repair cracks and surface defects with appropriate filler. When set, ensure that all powdery residues are removed from the surface.
- On previously painted walls, ensure all loose and flaking coatings are removed and taken back to a firm edge. Clean the surface with water to ensure that it is free from chalk and soluble salts.
- If fungus or algae is present, first treat with Berger Fungicidal Wash and leave for 24 hours. Then, thoroughly rinse and wash or scrape away all the fungus.
- If grease is present, clean using a mild detergent or solvent and rinse thoroughly to ensure complete removal of the grease, detergent and solvent.

PRODUCT USE RESTRICTIONS

- For use as a primer / sealer for application on concrete, plaster and masonry surfaces only.

SAFETY PRECAUTIONS

Avoid contact with eyes and skin. Wear suitable protective clothing.

Ensure that there is adequate ventilation in the area where the product is being applied.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

Eyes : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.

Skin : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.

Inhalation : Remove to fresh air, loosen collar and keep patient rested.

Ingestion : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.