



# BERGER PRODUCT SPECIFICATIONS

## BERGER WATERBASED SEALER

Water-Based Primer / Sealer

### PRODUCT DESCRIPTION

A styrenated acrylic emulsion coating designed as a sealer coat for masonry and other mineral substrates.

- Good hiding / opacity.
- Excellent sealing properties.
- Good flow and penetration properties.
- Good alkali and anti-carbonation resistance.
- Low VOC, environment friendly alternative to solvent based sealers.
- Complying to Singapore Green Label Scheme (Certificate no. 032-047-0547)

### DESIGN USE

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

### PHYSICAL DATA

<b>VOLUME SOLIDS</b>	23%
<b>DRY FILM THICKNESS (DFT)</b>	25 µm per coat
<b>WET FILM THICKNESS (WFT)</b>	110 µm per coat
<b>NUMBER OF COATS</b>	1 – 2
<b>THEORETICAL COVERAGE</b>	9.2 m <sup>2</sup> / litre per coat @ 25 µm dft
<b>FINISH</b>	Matt
<b>COLOUR RANGE</b>	White
<b>NO. OF COMPONENTS</b>	One
<b>STANDARD PACKING SIZE</b>	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
15 °C	30 minutes	1 hour	8 hours	Indefinite
25 °C	20 minutes	45 minutes	4 hours	Indefinite
35 °C	10 minutes	30 minutes	2 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 6% when measured with a reliable moisture meter, such as the Sovereign 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.

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### PRODUCT USE RESTRICTIONS

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

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### 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.

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### 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)**

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### 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.*