



BERGER PRODUCT SPECIFICATIONS

BERGER WEATHERCOAT 345

Water-Based Acrylic Emulsion

PRODUCT DESCRIPTION

A pure acrylic emulsion wall coating formulated with high quality weather durable pigments and reinforced with anti-microbial agents.

- Complying to Singapore Green Label Scheme (Certificate no. 032-047-0549)
- Excellent outdoor durability and colour retention properties.
- Excellent dirt pick-up resistance.
- Highly washable and good resistance to alkalis.
- Superior Algae resistance.
- Certified for compliance to SS345 by TUV SUD PSB Pte Ltd

DESIGN USE

- As a finish coat for exterior masonry substrates where performance up to 6 years is required.

PHYSICAL DATA

VOLUME SOLIDS	38%
DRY FILM THICKNESS (DFT)	25 µm per coat
WET FILM THICKNESS (WFT)	65 µm per coat
NUMBER OF COATS	2
THEORETICAL COVERAGE	15.2 m ² / litre per coat @ 25 µm dft
FINISH	High Sheen
COLOUR RANGE	Wide range available. (Please refer to our colour fan deck)
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	20 Litres
VOC CONTENT	<5 gm/L in White

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	1 hour	2 hours	4 hours	Indefinite
25 °C	30 minutes	1 hour	2 hours	Indefinite
35 °C	15 minutes	30 minutes	1 hour	Indefinite

ADDITIONAL INFORMATION

Thinner	Water
Thinning Ratio	10% maximum
Cleaning Solvent	Water
Flash Point	>61 Deg C
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 coated must be clean and free from all loose extraneous materials such as loose paint, dust etc.
- 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.
- Apply a suitable sealer coat such as Berger Plastaseal or Berger Water-Based Sealer prior to application of this product.
- For overcoating over old coatings, a high pressure water cleaning should be performed to remove all loose or flaking coatings and ensure the remaining coatings are tightly adherent.

PRODUCT USE RESTRICTIONS

- This product should only be applied over concrete, plaster and masonry surfaces that have been suitably primed and sealed with a suitable primer / sealer, e.g. Berger Plastaseal.

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 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.