



BERGER PRODUCT SPECIFICATIONS

ROYAL EMULSION

Water-Based Interior Emulsion

PRODUCT DESCRIPTION

Low VOC, modified hybrid copolymer based interior emulsion white specially designed for use on interior walls and ceilings.

- Economical
- Good hiding power.
- Good flow and levelling properties.
- Smooth finish.
- Drip and spatter resistant.
- Low odour

DESIGN USE

- As a finish coat for concrete wall and ceilings.

PHYSICAL DATA

VOLUME SOLIDS	34%
DRY FILM THICKNESS (DFT)	25 µm per coat
WET FILM THICKNESS (WFT)	74 µm per coat
NUMBER OF COATS	2
THEORETICAL COVERAGE	13.6 m ² / litre per coat @ 25 µm dft
FINISH	Matt
COLOUR RANGE	White
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	7 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	25 minutes	1 hour	2 hours	Indefinite
25 °C	15 minutes	30 minutes	1 hour	Indefinite
35 °C	10 minutes	20 minutes	40 minutes	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.



BERGER PRODUCT SPECIFICATIONS

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. Steam cleaning may also be done.
- 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, remove all loose or flaking coatings and take them back to a firm edge. Ensure the remaining coatings are tightly adherent.

PRODUCT USE RESTRICTIONS

- This product is specifically designed for use on wall & ceilings.

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.