



BERGER PRODUCT SPECIFICATIONS

BERGER WATER BASED ENAMEL

Water-Based Acrylic Gloss Enamel

PRODUCT DESCRIPTION

A pure acrylic enamel formulated with weather resistant pigments and reinforced with anti-microbial agents that provides attractive and durable high gloss finish.

- Excellent gloss and durability.
- Good colour retention properties
- Excellent adhesion on Ferrous & non ferrous surfaces, wood and aged coatings
- Higher opacity and covering capacity
- Free from Lead and other heavy metals
- Low VOC alternate to solvent based enamel paint (VOC 35 gms/Ltr)

DESIGN USE

- As a glossy finish coat for interior / exterior Ferrous, non-ferrous and masonry substrates
- Maintenance coating over aged coatings

PHYSICAL DATA

VOLUME SOLIDS	37%
DRY FILM THICKNESS (DFT)	30 µm per coat
WET FILM THICKNESS (WFT)	80 µm per coat
NUMBER OF COATS	2
THEORETICAL COVERAGE	12.3 m ² / litre per coat @ 30 µm dft
FINISH	Glossy
COLOUR RANGE	Wide range available. (Please refer to our colour fan deck)
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	5 & 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	2 hour	4 hours	6 hours	Indefinite
25 °C	45 minutes	2 hour	3 hours	Indefinite
35 °C	25 minutes	1 hour	2 hour	Indefinite

ADDITIONAL INFORMATION

Thinner	Water
Thinning Ratio	5% maximum
Cleaning Solvent	Water
Shelf Life	12 months min when stored as prescribed in the MSDS.
Storage Requirements	Store in a cool, dry area away from direct sunlight.



BERGER WATER BASED ENAMEL

Water-Based Acrylic Enamel

SURFACE PREPARATION

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

- This coating is designed to be applied over an alkyd primer / undercoat e.g. Luxaprime 1250 or Berger Undercoat as well as on all water based primers and sealers.
- The surface to be coated must be clean and free from all loose extraneous materials such as loose paint, dust etc.
- For new concrete cure it for 21 days before application of 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.
- Soluble salts on the surface must be removed by washing with fresh water. Dry brushing to be done to remove dirt and dust. If grease is present, use a mild detergent or solvent and rinse thoroughly to ensure complete removal of the grease, detergent and solvent.
- All loose flaking coatings should be removed and taken back to a firm edge.
- Berger Aluminium Wood Primer should be used to prime wooden substrates. A build coat of Berger Undercoat is recommended prior to application of this product.
- For over coating 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 Ferrous, Non Ferrous, wood, plaster and masonry surfaces that have been suitably primed and sealed with a suitable primer / sealer

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.