

ROYALE SUPERFLAT EMULSION

Product Description

A premium quality water-base acrylic co-polymer latex pigmented with titanium dioxide and other high grade alkali resisting pigments. It delivers a smooth, matt finish. It has excellent scrub resistance and washability. It is resistant to fungus and algae and is ideal for interior usage.

Recommended Areas of Application

Area of Use: Interior

Substrate: Concrete, Plaster, Masonry, Gypsum, Timber.

Technical Data

Sheen Variants: Smooth, matt

Colours: As per shade card. White and additional colours from Berger Colour World.

Volume Solids: 31% ± 2%

Theoretical Covering Capacity		
Recommended Dry Film Thickness per coat Microns		Theoretical Spread Rate m ² / ltr
Minimum	30 microns	10.33
Maximum	50 microns	6.20
Typical	40 microns	7.75

Practical Covering Capacity
While estimation of practical spread rates, due allowance should be made for surface profile, uneven application, overspray, losses in container and equipment.

Drying time	Substrate Temp.	Touch Dry	Overcoating Interval	
			Minimum	Maximum
	25°C	1.5 hours	4 hours	Indefinite
	35°C	1 hours	3 hours	Indefinite
	45°C	0.5 hour	2 hours	Indefinite

Application Data

Method of application : Brush, Roller and spray application.

Thinner : Sweet water

Thinning ratio (by vol.) : Use 5% -10% for ease of application depending on the method of application.

Storage : Store in a dry, ventilated places, away from direct sunlight

Shelf life : 12 months

Surface Preparation

The performance of this coating is directly related to the degree of surface preparation.

Concrete, Plaster, Masonry

Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast.

If the surface is previously painted and is dusting, chalking or friable, ensure that all friable and loose material are removed by a stiff bristled brush and scraping. Thoroughly dust down the entire surface (Contact Berger). Treat fungal growth, if any with Berger Fungicidal Solution and allow to dry.

Application Details

Ensure adequate ventilation during application and drying. Do not apply when humidity exceeds 85% and condensation is likely. Only apply coating when surface temperature should be 30C or more above dew point. Mix well before application.

Brush or Roller : Apply an even coat taking care to avoid runs and sags. Minimum two coats recommended.

Conventional Spray : Use normal spray equipment.

Airless Spray: May also be used

TYPICAL PAINT SYSTEM

Interior

1 coat : Acrylic A R Primer

As required : Super Wall filler

2 coats : Berger Royale Superflat Emulsion

Storage, Safety Information And Precautions

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.
- Eyes : In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.
- Skin : Wash skin thoroughly with soap and water or an approved industrial cleaner. DO NOT USE solvent 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.
- Disposal : Dispose off Container/Paints as per applicable statutory regulation.

Disclaimer

The information provided in this data sheet is not intended to be complete. It is the responsibility of the user to ensure that the product used is suitable for the purpose it is meant to serve. In view of various factors affecting the performance of the coating, we cannot assume responsibility for the product performance, nor do we accept any liability arising from use of this product, unless specifically agreed to in writing by us. The information provided in the data sheet may be modified by us without notice.

"This Technical Data Sheet supersedes those previously issued with immediate effect

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