

Technical Data Architecture Coatings

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.

Technical Data

Sheen Variants : Smooth, Matt.
Colours : As per shade card. White and additional colours from Berger Colour World.
Volume Solids : 38% ± 2%

Theoretical Covering Capacity	Recommended Dry Film Thickness per coat		Theoretical Spread rate m ² / ltr
	Minimum	30 Microns	18.4 m ² /Ltr
	Maximum	50 Microns	11.5 m ² /Ltr
	Typical	40 Microns	15.33 m ² /Ltr

Practical Covering Capacity : For estimation of practical covering capacity, following factors to be taken into account surface profile, uneven application, overspray, losses in container and equipment etc.

Drying time	Substrate Temperature	Touch Dry	Re coating Interval	
			Minimum	Maximum
	25°C	1½ Hours	4 Hours	Indefinite
	35°C	1 Hour	3 Hours	Indefinite
	45°C	½ Hour	2 Hours	Indefinite

Application Data

Method of application	: Brush, Roller and spray application.
Thinner	: Sweet water.
Thinning ratio (by vol.)	: Use 5% to 10% for ease of application depending on the method of application.

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 3°C 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 : Value Stucco Putty

2 coats : Royale Superflat Emulsion

Storage, Safety Information And Precautions

Kindly refer to the Safety Data Sheet (MSDS) for further information on safety measures.

Storage : Store the container with the lid tightly closed in an upright position, in a cool, dry place, well ventilated space and keep away from sources of heat and ignition. Keep out of reach of children and away from eatables.

Shelf Life : Upto 12 months

Flash Point : 38°C

Disposal : Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums or dispose as per applicable statutory regulation.

Safety Precautions

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks 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.

Storage, Safety Information And Precautions

First Aid

- 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 VOMITTING. Obtain immediate medical attention.

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