

Technical Data Sheet - Architectural Coatings

Ace Exterior Matt Emulsion

Product Description

A Superior quality product based on high grade co-polymer emulsion, pigmented with titanium dioxide and other high grade light fast and alkali resisting pigments. This paint had specially been designed to resist Fungus & Algae growth, keeping in mind the local climatic conditions and is suitable for Exterior Fresh painting and Repainting jobs. It has superior scrub resistance and washability.

Recommended Areas Of Application

- **Area of Use** : Exterior
- **Substrate** : Concrete, plaster, masonry, gypsum, timber

Technical Data

Sheen Variants : Matt, Smooth
Volume Solids : 35% ± 2%
Colours : As per shade card

Theoretical Covering Capacity

Recommended Dry Film Thickness per coat		Theoretical Spread rate
Minimum	40 Microns	8.75 m ² / Ltr.
Typical	50 Microns	7.0 m ² / Ltr.
Maximum	60 Microns	5.80 m ² / Ltr.

Practical Capacity

Covering

: For estimation of practical covering capacity, following factors to be taken into account: surface profile/surface roughness, uneven application, over spray, losses in container and equipment etc.

Drying time

Substrate temp.	Touch dry	Overcoating interval	
		Minimum	Maximum
25°C	2 Hours	24 Hours	Indefinite
35°C	1 Hours	18 Hours	
45°C	0.5 Hours	12 Hours	

Application Data

Method of application	: Brush, Roller or Spray application.
Thinner	: Sweet water
Thinning ratio (by vol.)	: Use 5%-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.

- 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.

Note: Fungal growth should be treated with Fungicidal Solution. After drying, one coat of Anti Fungal primer and Penetrating Sealer can be applied if required.

Application Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 85% and condensation is likely.
- Surface temperature should be 3°C or more above dew point.
- Stir the contents thoroughly before and during use, with a broad flat stirrer, using an upward lifting action.

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 if required.

Typical Paint System For Repainting Job -

- After Surface preparation as per above paragraph -
- 1 coat x Alkali Resistant Primer
- 2 coats x Exterior Cement Putty (Optional)
- 1 coat x Alkali Resistant Primer (required, only Exterior Cement Putty is applied)
- 2 coats x Ace Exterior Matt Emulsion

Typical Paint System for Fresh Painting –

- After Surface preparation as per above paragraph -
- 1 coat x Alkali Resistant Primer
- 2 coats x Exterior Cement Putty
- 1 coat x Alkali Resistant Primer
- 2 coats x Ace Exterior Matt Emulsion

For alternate system suggestion please contact Kadisco Asian Paints Sales Representative

Storage, Safety Information And Precautions

- Keep out of reach of children.
- Store in cool, dry conditions; ensure adequate ventilation during application.
- Shelf life up to 24 months from the date of manufacture.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves.

First-Aid

- Eyes: In the event of accidental splashes, flush eyes immediately with warm water and obtain medical advice.
- Skin: Wash skin thoroughly with soap and water, or with an approved industrial cleaner. Do not use solvents.
- Inhalation: Move patient to fresh air, loosen collar and keep patient rested.
- Ingestion: Do not induce vomiting. Obtain immediate medical attention.
- Dispose in landfill only.

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 datasheet may be modified by us without notice.

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