asianpaints BERGER

ایشیان بینٹس برجر

Technical Data Architecture Coatings

Select All In One Enamel

Product Description

An enamel based on suitably modified alkyd containing titanium dioxide and other colorfast pigments to provide a tough, durable and hardwearing high gloss finish with good flow, hiding power and film build-up.

Recommended Areas of Application

Area of Use : Exterior/Interior
Substrate : Metal, Timber & Masonry surfaces

Technical Data

Sheen Variants : High Gloss
Colours : As per shade card
Volume Solids : 44 ± 2 %

	Recommended Dry Film Thickness per coat		Theoretical Spread rate m^2/ ltr
Theoretical Covering Capacity	**Minimum**	30 microns	14.66 m^2 / ltr.
	Maximum	50 microns	8.80 m^2 / ltr.
	Typical	40 microns	11 m^2 / ltr.

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

	Substrate Temperature	Handleable Dry	Overcoating Interval	
			Minimum	Maximum
Drying time	25°C	1½ hours	24 hours	Indefinite
	35°C	1 hour	18 hours	Indefinite
	45°C	45 minutes	12 hours	Indefinite

Additional Data

Method of application : Brush, Roller and airless spray application
Thinner : Solvalux 1
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.

- Ensure surface is clean, dry and free from all contaminants.
- **Steel** : Remove rust, if any, by sand blasting or other methods to Swedish Standard Sa 2½.
- **Timber** : Wood may be treated further with Wood Preservative.
- **Masonry** : Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast.

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.

Note: Use of Alkyd systems on masonry necessitates extra precautions such as, adequate ventilation and light during and for a length of time after application.

Airless Spray : Tip Size : 0.22 – 0.30 mm (0.009 – 0.011 in)
Tip Pressure : 90 – 130 kg / cm^2 (1300 – 1800 psi)
Conventional Spray : Use normal spray equipment
Brush or Roller : Apply an even coat taking care to avoid rungs and sags. More than one coat will be required.

TYPICAL PAINT SYSTEM

Masonry	Steel	Timber
1 coat x Value PVA Primer Sealer	1 coat x Special Value Metal primer	1 coat x Synthetic Undercoat/ Wood Primer as recommended
2 coats x Stucco (Int.only)	2 coats x Select All in one Enamel	
1 coat x Synthetic wood Primer as recommended		2 coats x Select All in One Enamel
2 coats x Select All in One Enamel		
For alternate system suggestion please contact Sales Representative		

Storage, Safety Information And Precautions

Safety Precautions

- Keep out of reach of children.
- Store in cool, dry conditions; ensure adequate ventilation during application.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Flash Point : 23° C
- Shelf life up to 24 month is from the date of manufacture.

First-Aid

- Eyes : In the event of accidental splashes, flush eyes with water immediately and obtain medical advice.
- Skin : Wash skin thoroughly with soap and water or 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.
- 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 data sheet may be modified by us without notice.

This Technical Data Sheet supersedes those previously issued with immediate effect