

Product Description

Plastic Emulsion is an interior water based value to money topcoat, manufactured with hi quality acrylic copolymer backbone. This product has best in class flow & levelling, Whiteness, smoothness, Coverage and Hiding properties. Plastic Emulsion provides optimum Incan anti-bacterial characteristics, uniform dark colour tone and colour retention properties. This product is free from harmful chemicals like APEO, heavy metals and formaldehyde etc.

Typical Use

This product is recommended to use for protection and decoration of all interior cementitious, gypsum based, brick work and rendered block work substrates.

Technical Data

| | | | | |
|---|---|------------|------------|---|
| % Solids By Weight (NVM) | 47 +/- 2 (For White only) | | | |
| % Solids By Volume | 35 +/- 2 (For White only) | | | |
| Colour | As per Liberty Paints Shade Card | | | |
| Gloss @ 60 G. H. | Matt | | | |
| Specific Gravity (Density/WPL) kg/L | 1.4 +/- 0.02 | | | |
| Flash Point | NA | | | |
| VOC gm/L | ≤10 | | | |
| Theoretical Coverage m ² /L | Max | Min | STD | Actual coverage may vary due to the factors like, type substrate, wind flow, applicators skills and atmospheric conditions. |
| Dry Film Thickness (DFT in microns) | 11.6 | 7.0 | 8.7 | |
| Wet Film Thickness (WFT in microns) | 30 | 50 | 40 | |
| Mixing Ratio by Volume | NA | | | |
| Thinner Intake | 20% Max. (Water) | | | |
| Pot Life @ 30°C | NA | | | |
| Drying Characteristics @ 30°C & ≤85% Humidity | | | | |
| Surface Dry | 30 Minutes | | | |
| Tack Free | 2 – 3 Hours | | | |
| Full Cure/Packing (Min.) | 8 Hours | | | |
| Recoating Time (Min.) | 3 hours | | | |
| Recoating Time (Max.) | Infinite | | | |
| Shelf Life & Storage | 12 Months | | | |
| | Keep the containers in a dry, cool, well ventilated space and away from direct sunlight, sources of heat and ignition. Containers must be always kept tightly closed. | | | |
| Pack Size | 3.6L, 18L | | | |

Application Guidelines

- **Surface Preparation:**

The substrate must be cleaned of any dust, oil, grease, poorly adhering materials, etc. It should be clean, dry and well primed. All loose materials must be thoroughly rubbed down using a suitable abrasive paper. Any resulting dust/loose particles must be removed. All traces of form release agents/curing agents must be removed.

- **Paint System:**

LP PVA Primer – 1 Coat
LP Supersmooth Putty – 1 or 2 coats
LP Plastic Emulsion – 2 coats

Always sand the surface with fine emery paper before application of subsequent coat until smooth uniform finish is achieved.

- **Application Tools:**

1. Roller : Recommended
2. Brush : Only where application with roller is not possible, especially at corners but care should be taken to achieve recommended DFT.
3. Conventional Air Spray : Only in special cases

- Air Pressure: 40 – 50 bar
- Tip Size of spray gun: 1.8mm
- Ensure adequate ventilation while spraying and drying
- Substrate temperature must be 3°C above dew point

Health & Safety Measures

(Recommended to Read this section before application)

- Keep out of reach of children
- Recommended to wear overalls, safety goggles and solvent mask while spraying
- Avoid contact with skin and eyes.

First-Aid

- **Eyes** : Immediately flush eyes with water and seek medical help
- **Skin** : Use soap & water or appropriate cleaner
- **Inhalation** : Allow to breath fresh air, loose the neckline and keep him/her rested
- **Ingestion** : Obtain medical help without asking for omitting

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact our Liberty Paints Representative or go to www.libertypaintsarabia.com or reach to us on support@libertypaintsarabia.com