

# Super Plastic Emulsion

WB Interior Topcoat



## Product Description

Super 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, High 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)	55 +/- 2 (For White only)			
% Solids By Volume	45 +/- 2 (For White only)			
Colour	As per Liberty Paints Shade Card			
Gloss @ 60 G. H.	Matt			
Specific Gravity (Density/WPL) kg/L	1.52 +/- 0.02			
Flash Point	NA			
VOC gm/L	≤11			
Theoretical Coverage m <sup>2</sup> /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)	15.0	9.0	11.2	
Wet Film Thickness (WFT in microns)	30	50	40	
Mixing Ratio by Volume	67			90
Thinner Intake	NA			
Pot Life @ 30°C	30% Max. (Water)			
Drying Characteristics @ 30°C & ≤85% Humidity	NA			
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, 20L			

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This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Material Safety Data Sheet (SDS) for this product.

## 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 Super 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](http://www.libertypaintsarabia.com) or reach to us on [support@libertypaintsarabia.com](mailto:support@libertypaintsarabia.com)