

# Technical Data Sheet

## SEMI GLOSS EMULSION

Product code: PW3751-SG

### Composition and Application Field

**EVI Semi Gloss Emulsion** is a luxury range emulsion paint specially formulated with a special acrylic emulsion with copious amounts of titanium dioxide and other carefully selected ingredients. It gives long life to the coatings and has good gloss and gloss retention properties and can withstand the rigors of the gulf climatic conditions. EVI Semi Gloss Emulsion has all the good virtues like hiding, good flow, good wash ability, and superior scrub resistance, smooth finish.

### Use

**Substrates:** Concrete, cement plaster, masonry, gypsum, block work etc,

**Area of Use:** Interior/ Exterior.

### Specification

<b>Finish</b>	: Smooth & Semi Glossy
<b>Colour</b>	: White + all shades as per EVI shade card and custom made
<b>Specific gravity</b>	: 1.20 ± 0.02
<b>Solids (% by volume)</b>	: 35 ± 1
<b>Diluent</b>	: Sweet Water
<b>Flash Point</b>	: Not Applicable
<b>Spread Rate:</b>	

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, over spray and also the equipment the painter EVI Semi Gloss Emulsion it would cover app 9 – 10 m<sup>2</sup>/ liter at 40 – 50 microns per coat.

**Drying Time (30° C)** : Set to touch: 1½ – 2 hours  
: Ready for Recoat: app 3 - 4 hours.

**Recommended DFT** : **2 coats.** App 40 – 50 mic per coat.

### Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of EVI is an ideal recommendation for the application of EVI Semi Gloss Emulsion.

#### For Plaster, Masonry & Concrete :

Achieve a good and clean surface by removing all contaminants and loose particles by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Water washing under pressure is recommended. Apply the EVI All Acrylic primer or EVI All weather Tex Primer and allow drying as per the data sheet and subject to one more coat for even coverage. After applying the primer, apply a uniform layer of EVI Stucco Putty/EVI filler compound, follow it up with EVI Platinum one coat and make a couple of coats of EVI Semi Gloss Emulsion. It is always advisable to go through EVI Platinum Emulsion (one coat) in case it is difficult to coat over EVI Stucco Putty due to heavy loading of the putty.

#### For Old and Painted surfaces:

In case of surfaces which are painted / or aged and if there is visible dusting, chalking or even friable, ensure that all the loose material is removed by scrapping or metal brush. Apply a good coat EVI Fungicidal wash compound and allow drying. Follow this by a regular coat or two of EVI All Acrylic Primer or EVI All Weather Tex Primer and continue as in the above case with the full system.

### Application Method

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

- 1. Dilution:** One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.
- 2. Brush:** It is in ideal recommendation especially to avoid runs and sags due to excess.
- 3. Roller:** Apply an even coat spreading uniformly taking care to avoid runs.
- 4. Airless spray:** Use tip size around 0.018" to 0.020" and pressure around 2000. – 2500 psi.

### Paint System

EVI SEMI GLOSS EMULSION

- EVI PVA Primer Sealer	1 coat
- EVI Stucco Putty	2 coats
- <b>EVI Semi Gloss Emulsion</b>	<b>2 coats</b>

\* Recommended system to be applied as per surface preparation (suitable emulsion grades), or as per EVI technical advice

### Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

#### **HANDLING**

**Disposal:** As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

**Flash Point:** Not applicable.

### Safety Precaution

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

MSDS is available on request for the safe handling of this product.

#### **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 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.

