

# SHIELD SILK EMULSION

Product code: PW3605

Premium Grade

## Composition and Application Field

**EVI Shield Silk Emulsion** is a luxury range emulsion paint specially formulated with a suitable acrylic emulsion with rich titanium dioxide and other high quality pigments. It exhibits good alkali resistance properties. It is an ideal choice for the interiors and exhibits a smooth and satin finish which would add a pleasing look to the interiors of the room. EVI Shield Silk Emulsion has all the good virtues like hiding, good flow, good wash ability, superior scrub resistance, smooth finish.

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

Area of Use: Interiors and Exterior.

## Specification

<b>Finish</b>	: Smooth & Minimum Gloss
<b>Colour</b>	: White + All shades as per EVI shade
<b>Specific gravity</b>	: 1.22 ± 0.02
<b>Solids (% by volume)</b>	: 41 ± 1
<b>Diluent</b>	: Sweet Water
<b>Flash point</b>	: Not Applicable
<b>Spread Rate:</b>	

While the spread rate is directly dependent on the surface profile and also the type of undulations it has, over spray and also the equipment the painter EVI Shield Silk Emulsion it would cover app 11 m<sup>2</sup> / liter at 40 microns per coat.

<b>Drying Time (30° C)</b>	: Set to touch: 1½ – 2 hours. Ready for Recoat : App 3 – 4 hours.
----------------------------	--

<b>Recommended DFT</b>	: 1 to 2 coats. App 35 – 40 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 Shield Silk 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 Acrylic Alkali Resistant Primer or EVI Tex Primer or PVA Primer and allow drying as per the data sheet and subject to one more coat for even coverage. After applying the EVI AR Primer, apply an uniform layer of EVI Stucco Putty and then follow it up with EVI Shield Silk Emulsion two coats. It is also advisable to go through a 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 Alkali Resistant 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 0018" to 0020" and pressure around 2000. – 2500 psi.

## Paint System

EVI SHIELD SILK EMULSION	
- EVI All Weather Tex Primer	1 coat
- EVI Stucco Putty Exterior (if needed)	2 coats
- <b>EVI Shield Silk Emulsion</b>	1 - 2 coats

\* Recommended system to be applied as per surface preparation (option for the fiber matt fixing also), or as per EVI technical advice.

## Storage & 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 vapors 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:** Move to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion, Do not induce vomiting. Obtain immediate medical attention.