

SILVER EMULSION

Product code: PW3000

Composition and Application Field

EVI SILVER Emulsion is an economical grade emulsion based on Acrylic copolymer resin with Titanium Dioxide and other light resistant pigments and fillers. It is particularly recommended as and indoor finish where it provides a very good value for money. It gives the surface a smooth and pleasing effect with good brush ability and recoat ability. It is resistant to algae and fungus attacks.

Use

Substrates: Concrete, plaster, masonry, gypsum.

Area of Use: Interiors only

Specification

Finish	: Smooth & Matt
Colour	: White + All shades as per EVI shade card and custom made
Specific gravity	: 1.48 +/- 0.02
Solids (% by volume)	: 38 +/- 1%
Diluent	: Sweet Water
Flash point	: Not Applicable
Spread Rate:	

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 Silver Emulsion it would cover app 9 m² / liter at 40 microns per coat.

Drying Time (30° C)	: Set to touch: ½ – 1 hour depending on ambient temperature and air movement in the painting area : Recoatable in 2 to 3 hours
Recommended DFT	: 1 to 2 coats. App 30 – 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 Silver 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 PVA Primer Sealer or EVI Alkali Resistant Primer and allow drying as per the data sheet and subject to one more coat for even coverage. Apply EVI Stucco Putty evenly and allow drying and following it up with EVI Silver Emulsion for one or two coats.

For Old and Painted surfaces:

In case of surfaces which are painted / or aged and 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 PVA Primer Sealer or EVI Alkali Resistant Primer and continue as in the above case.

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 material.
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 150. – 175 Kg/cm².

Technical Paint System

EVI Silver Emulsion	EVI PVA Primer Sealer EVI Stucco Putty EVI Silver Emulsion	1 coat 2 coats 2 coats
Recommended system to be applied as per surface pre-Parathion.		
-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 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.