

EMSHIELD EMULSION

Product code:PW3003

Composition and Application Field

EVI Emshield Emulsion is an economical grade emulsion (VALUE FOR MONEY RANGE) based on copolymer with Titanium and other light fast alkali resistant pigments. It gives the surface a smooth and pleasing effect with good brush ability and recoat ability. It is resistant to algae and fungus attacks.

Substrates: Concrete, plaster, masonry, gypsum.
Area of Use: Interiors and Exteriors.

Specification

Finish	: Smooth & Matt
Colour	: White + All shades as per EVI shade card and custom made
Specific gravity	: 1.40 ± 0.02
Solids (% by volume)	: 43 ± 2
Diluent	: Sweet Water
Flash point	: Not Applicable
Spread Rate:	

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

Drying Time (30° C) : Set to touch: 1 – 2 hours.
Ready for Recoat: App 2 - 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 Emshield 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 Emshield 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

Paint System

EVI EMSHIELD EMULSION	
- EVI PVA Primer Sealer	1 coat
- EVI Stucco Putty	2 coats
- EVI Emshield Emulsion	2 coats

* Recommended system to be applied as per surface preparation (suitable emulsion grades), 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.

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