

FLEXIBLE EMULSION

Product code: PW/3501

Composition and Application Field

EVI Flexible Emulsion is a premium grade high performance acrylic topcoat formulated from special latex with inert pigments. The product has good alkali resistance properties and it is extremely low toxicity and odor. EVI Flexible Emulsion has very good weather resistance, durability and can be an ideal choice for both protective and decorative finish. It has very low dirt pick up and flexibility extends through a wide range of temperature. The most outstanding feature of EVI Flexible Emulsion Topcoat is that its elastic and resilience property, which is extremely beneficial for crack bridging coatings.

Substrates: Concrete, plaster, masonry, brick work.
Area of Use: Interiors / Exterior.

Specification

| | |
|----------------------|---------------------------|
| Finish | : Smooth & Texture |
| Color | : White and pastel colors |
| Specific gravity | : 1.34 ± 0.02 |
| Solids (% by volume) | : 44 ± 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 EVI Flexible Emulsion would cover app 10 – 11 m² /liter. (App 250 mic per coat).

| | |
|---------------------|--|
| Drying Time (30° C) | : Set to touch: 2 hours. |
| | : Ready for Recoat: App 10 - 12 hours. |
| Recommended DFT | : 1-2 coats. App 250 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 Flexible Emulsion.

For Plaster, Masonry & Concrete

Achieve a good & 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. If fungus is present then a good coat of EVI Fungicidal wash compound is to be applied and rinsed properly after thorough drying. In case of interiors it is advisable to clean with a damp cloth. Apply EVI All Acrylic Primer, allow drying & then follow it with one or 2 coats of EVI Flexible emulsion.

For Old and Painted surfaces

In case of surfaces which are painted / or aged & if there is visible dusting, chalking or even friable, ensure that all the loose material is removed by scrapping or metal brush. If the situation is critical it is recommended to do torching of the same & apply a good coat of EVI Fungicidal wash compound & allow drying. Follow this by a regular coat or 2 of EVI All Acrylic Primer & 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. One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.

1. Roller: Apply using either a conventional roller in case the required thickness is not much or with texture roller for repeated application to get uniform spreading taking care to avoid runs.
2. Brush: It is recommendation for touch up jobs only.

Paint System

| | |
|--|---------|
| EVI FLEXIBLE EMULSION | |
| - EVI All Acrylic Primer | 1 coat |
| - EVI (Filler as needed with or without) | 2 coats |
| - EVI Flexible Emulsion | 2 coats |

* 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: Move to fresh air, loosen collar and keep patient rested.

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