

# NANO EMULSION

**Product code: PW3402**  
**Premium Grade**

## Composition and Application Field

**EVI Nano Emulsion** is a premium grade high performance acrylic topcoat formulated from special Nano latex with inert Nano pigments. Nano technology can give both coatings and paints improved qualities making them of increased hardness, scratch, mold and bacterial resistance, easy clean and so lasting much longer in between applications. The product has good alkali resistance properties and it is extremely low toxicity and odor. **EVI Nano Emulsion** has very good weather resistance, durability and can be an ideal choice for a good protective finish. It has very low dirt pick up and flexibility extends through a wide range of temperature.

## Use

**Substrates:** Concrete, plaster, masonry, brick work and timber  
**Area of Use:** Recommended for Interiors & Exteriors.

## Specification

<b>Finish</b>	: Smooth & Matt finish
<b>Colour</b>	: White and desired colors as per EVI shade card
<b>Specific gravity</b>	: $1.34 \pm 0.02$
<b>Solids (% by volume)</b>	: $44 \pm 1$
<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 EVI Nano Emulsion would cover app 10 - 11 m<sup>2</sup>/litre.

<b>Drying time (30° C)</b>	: Set to touch: <2 hours : Ready for Recoat: app 3 hours
<b>Recommended DFT</b>	: <b>1 to 2 coats</b> App 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 Nano 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. 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 Weather Tex Primer, allow drying and then follow it with one or two coats of EVI Nano Emulsion.

## 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.

- Brush:** It is an ideal recommendation especially to avoid runs and sags due to excess material.
- Roller:** Apply an even coat spreading uniformly taking care to avoid runs.

## Paint System

EVI NANO EMULSION

- EVI All Weather Tex Primer 1 coat
- EVI Stucco Putty (if needed) 2 coats
- **EVI Nano Emulsion** Up to 2 coats  
50 microns per coat

## 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.