



# DIPPING ENAMEL

Product code: PS3301

## Composition and Application Field

**EVI Dipping Enamel** is based on a special grade quick drying alkyd resin containing anticorrosive pigments. It is used as a top coat for many applications in the industries of steel and other OEM type as well as sign makers especially for protecting the metals and other steel structures against corrosion. Its main advantage lies however in the fact that being quick drying where turnover of production is a primary criterion.

## Use

**Substrates:** Steel pipes or other metal substrates.

**Area of Use:** Exteriors and equipment.

## Specification

<b>Finish</b>	: Smooth/Glossy. (Available in Semi Glossy and Matt on request)
<b>Colour</b>	: All colours as per EVI shade card
<b>Specific gravity</b>	: 1.15 ± 0.02
<b>Volume solids</b>	: 52 ± 2%
<b>Diluent</b>	: Mixed aromatic hydrocarbons
<b>Flash point</b>	: 27° C

### Spread Rate

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule EVI Dipping Enamel would cover 10 to 12 sq. meters per lit.

**Drying Time (30° C)** : Set to touch: 1.5 – 2 hours.  
Ready for Recoat: app 6 hours.

**Recommended DFT** : 1 mist coat followed by a good full coat. App 35 - 40 mic.

## 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 Dipping Enamel.

### For Metals & Steel Surfaces:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush.

Dilute to the required consistency pour it in the application tank. Stir for uniformity. Dip for the required application requirement the EVI Dipping Enamel and proceed after drying. Since it is quick drying stacking can be done in 30-40 minutes time. Touch up if necessary at the areas where there is mechanical damage. It is not advised to coat over the primer as it may penetrate into the primer surface. Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, metal or concrete surfaces.

## 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.

**Application:** To be done by conventional roller or spray at 2000 – 2500 psi for airless spray or 50 – 60 psi for conventional spray). Nozzle size: 0.015 - 0.018 inches. One can add 5 - 10% of EVI QD Thinner for ease of application of brush/roller/or spray viscosity.

**Caution:** Over diluting would result in sag and run downs.

## 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: 27°C and contains aromatic hydrocarbons.

## 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. Other industrial practices are applicable. 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