

# THERMOPLASTIC PENETRATING SEALER

Product code: PS2151

## Composition and Application Field

**EVI Thermoplastic Penetrating Sealer** is a single component low viscosity high performance thermoplastic Acrylic based clear coating with excellent water repellent, UV resistance and protective properties. The product penetrates deeply through capillary absorption on concrete and other porous substrates thereby preventing the accumulation of dust and dirt. The material is recommended for the consolidation of concrete floorings like garages, canteens, warehouses, etc.

## Use

Substrates: Steel, concrete, wood

Area of Use: Internal/ External

## Specification

|                                    |  |
|------------------------------------|--|
| Finish                             | : Glossy                                   |
| Colour                             | : Clear                                    |
| Specific gravity                   | : $0.91 \pm 0.02$                          |
| Solids by Volume                   | : $25 \pm 2\%$                             |
| Flash point                        | : $27^{\circ}\text{C}$                     |
| Drying Time @ $30^{\circ}\text{C}$ | : 10 minutes to Touch<br>: 1 Hour Hard dry |
| Recommended DFT                    | : 20 microns per coat                      |
| Theoretical Coverage               | : $12 \text{ m}^2/\text{liter}$            |

## Surface Preparation

### NEW SURFACE

All surfaces should be sound, clean, dry, and free from flaking materials, efflorescence, laitance, curing compounds, oil and grease. The concrete should be at least cured for 28 days before the application of EVI Thermoplastic Penetrating Sealer.

### OLD SURFACES

Ensure surfaces are sound, clean, dry and free of loose and flaking old materials, dirt, oil, grease, wax or polish.

## Application Method

Adequate ventilation should always be observed when applying EVI Thermoplastic Penetrating Sealer for reasons of health and safety and to ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below  $5^{\circ}\text{C}$  or when the humidity level is above 90%. The surface temperature should always be

kept at not less than 3 degree above dew point.

This product is ready to use and there is no need to add any thinner. Clean tools using aromatic hydrocarbon solvents. Apply the product using brush, roller, or spray ensuring a uniform coverage of the substrates. Re-apply another coat once the surface can be walked upon.

## Technical Paint System

EVI THERMOPLASTIC PENETRATING SEALER

-EVI Thermoplastic Penetrating Sealer

1 coat of 0.8 to 1 mil

\*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.

Caution: It is strongly advised not to keep open used drums as it forms a skin on the top layer.

## 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.

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The above Data Sheet is based on our experience and extensive laboratory tests. We guarantee only the quality of the product in this Data Sheet. For safety measurements and details refer to the Safety Data Sheet. Evi reserves the right to modify the contents of the Data Sheet at any time and without prior notice as a system requirement in updating the product.

This Technical Data Sheet surpasses all previously issued versions

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