



# URETHANE VARNISH CLEAR

Product code: PS3281

## Composition and Application Field

**EVI Urethane Varnish Clear** is a mono component product based on especially suited modified oil Alkyd resin. It is a fast drying product used as wooden varnish with high mechanical resistance and very good abrasion.

Substrates: Wooden substrates

Area of Use: Interiors and Exteriors.

## Specification

|                      |  |
|----------------------|--|
| Finish               | : Glossy, semi glossy with a smooth finish     |
| Color                | : Clear  |
| Specific gravity     | : $0.91 \pm 0.02$                              |
| Solids (% by volume) | : $54 \pm 1$ (depending on the level of gloss) |
| Diluent              | : White Spirit                                 |
| Flash point          | : 38°C   |
| Spread Rate:         |  |

While the spread rate is directly dependant on the surface profile and also the type of porosity it has, as a thumb rule EVI Urethane Varnish Clear would cover 5 – 6 sq. meters per lit depending on the chosen degree of gloss and product thereof.

|                      |                                |
|----------------------|--------------------------------|
| Drying Time (30° C): | Set to touch: < 1 hour.        |
|                      | Ready for recoat: App. 2-3 hrs |
| Recommended DFT:     | App 100 - 125 mic/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 Urethane Varnish Clear.

### For Wood

Achieve a good and clean surface by removing all contaminants by cleaning & drying. Wood may be treated with EVI Wood Preservative before application. Apply one coat of EVI Wood Preservative followed by one to two coats of EVI Urethane Varnish Clear after drying. Apply two good coats with a spray or a suitable brush / roller and obtain the desired coverage. 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 General Purpose 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: 38°C and contains mineral spirit.

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

## Safety Precuation

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.