

ENAMEL SUPERIOR WHITE

Composition and Application Field

EVI Enamel Superior White is based on a drying oil Alkyd resin, containing Titanium dioxide and other carefully chosen pigments. It is a product used as general purpose Topcoat enamel which is very versatile and can withstand wide range of temperatures. It has good adhesion and exhibits good gloss after drying.

Use

Substrates: plaster, masonry, brickwork, blocks work, wood work and metals.

Area of Use: Interiors and Exteriors

Specification

Finish	: Glossy and Smooth
Colour	: White + all colors as per the EVI shade card.
Specific gravity	: 1.05 ± 0.02
Mixed Solids (% by volume)	: $50 \pm 2\%$
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 undulations it has, as a thumb rule EVI Enamel Superior White would 10 – 12 sq. meters per lit.
Drying Time (30° C)	: Set to touch: 3 – 4 hours Ready for Recoat: app 6 hours.
Recommended DFT	: 1mist coat followed by a good full coat App 40 - 50 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 Enamel Superior White.

For Plaster, Masonry & Concrete:

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. Apply one coat of EVI Synthetic Red Oxide / EVI Synthetic Primer for wood, followed by EVI Synthetic Undercoat and proceed for EVI Enamel Superior White after drying. Apply one good coat or two nominal coats with a spray or a suitable roller and obtain the desired coverage.

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 Synthetic Red Oxide** / or **EVI Synthetic Primer** for wood, followed by **EVI Synthetic Undercoat** and proceed after drying.

Apply one good coat or two nominal coats with a spray or a suitable 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.

Technical Paint System

EVI ENAMEL SUPERIOR WHITE	1 coat
-EVI Synthetic Red Oxide Primer	1 coat
-EVI Synthetic Undercoat	
-EVI Enamel Superior White	2 coats

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: 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 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.

ENAMEL SUPERIOR WHITE

Product code: PS3006

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

Date Revised: March 13, 2017