



THERMOPLASTIC ROAD MARKING WHITE

Technical Data Sheet

Product code: PS3751

Composition and Application Field

EVI Thermoplastic Road Marking White is based on a special type of fast drying thermoplastic Resin, with Titanium dioxide and other light fast inhibitive pigments with tough extenders. This product has exceptional resistance to gasoline, oil and water and does not bleed on asphalt.

Substrates: Asphalt Roads, Pavements, Runways.
Area of Use: Exteriors.

Specification

Finish	: Matt and Smooth
Colour	: White + yellow and other colors on request
Specific gravity	: 1.37 ± 0.02
Mixed Solids (% by vol.)	: 45 ± 1
Diluent	: EVI Road Marking Thinner
Flash point	: 23°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 Thermoplastic Road Marking White would cover 5 – 6 sq. meters per liter.

Drying Time (30° C)	: Set to touch: 5 – 10 mins. Ready for Recoat: App 30 mins. to 1 hour.
Recommended DFT	: 1 mist coat followed by a good full coat App 80 - 100 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 Thermoplastic Road Marking White.

For Asphalt surfaces concrete:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. All traces of release agents must be removed prior to painting. A laitance free surface should be achieved by good sweep blast or a wire brush. Apply one coat of EVI Thermoplastic Road Marking White.

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 asphalt 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 2200 – 2500 psi for airless spray or 50 – 60 psi for conventional spray. Nozzle size: 0.017 - 0.020 inches.

In case of large areas to be covered usage of spray motorized road marking equipment's is highly recommended. Applicator may refer to the correct techniques with the technical department. For smaller areas a regular roller or a brush may be used. One can add 5 - 10% of **EVI Road Marking Thinner** for ease of application of brush/roller/or spray viscosity.

Note: In order to add the reflectance of the paint, enhance by addition of glass beads of the required specification either by mixing through the bulk or by dropping/smearing the same on the applied surface in wet condition.

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

Paint System

EVI THERMOPLASTIC ROAD MARKING WHITE
-EVI Thermoplastic Road Marking White **1 – 2 coats**

*Or as per EVI technical advice.

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: 23°C and contains Organic Solvent.

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. 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.