

COLD PLASTIC ROAD MARKING PAINT

Technical Data Sheet

Product code: PS3753

Composition and Application Field

EVI Cold Plastic Road Marking Paint is a solvent borne Road and airfield runway marking paint based on special synthetic resin. The product exhibits excellent adhesion and resistance to mechanical wear and tear, impact, oil, gasoline jet fuel and water. To enhance the reflective property of the paint, glass beads can be incorporated by premixing 2 parts paint to one part beads, or by dropping the beads on the still wet paint.

Substrates: Concrete, Asphalt.
Area of Use: Roads and Airfield Runways.

Specification

Finish	: Matt and Smooth
Colour	: White + yellow and other colors on request
Specific gravity	: 1.42 ± 0.02% depending on color
Solids (% by vol.)	: 50 ± 2
Diluent	: PT1081 / PT1081XS
Flash point	: 23°C
Spread Rate	: 10 sqm/liter @ 50 microns, 5 sqm/liter@100 microns
Drying Time (30° C)	: Set to touch: 5 – 10 mins. Ready for Recoat: 20 minutes. : Traffic ready in 2 to 3 hours depending on air Movement.
Recommended DFT	: 2 coats of 50 microns

Surface Preparation

Ensure that the substrate is sound, dry and free of any surface contaminants such as organic growth, dirt, oil, grease, wax, polish and dust.

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 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 COLD PLASTIC ROAD MARKING PAINT

-EVI Cold Plastic Road Marking Paint 2 coats of 50 microns

*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.