

THERMOPLASTIC MATT WHITE

Technical Data Sheet

Product code: PS3121

Composition and Application Field

EVI Thermoplastic Matt White is a high performance thermoplastic, water repellent coating based on solvent based acrylic polymer. It is a pigmented composition and is specially formulated product and is resistant to carbon-dioxide diffusion and to chloride and sulphate intrusion, and is thus an ideal ANTI-CARBONATION coating. This is particularly suitable as a finish coat in many of the common construction aspects where life expectancy can be increased.

Substrates: Concrete, plaster, masonry, gypsum, timber and metals.

Area of Use: Interiors & Exteriors.

Specification

Finish	: Matt and Smooth (Semi Glossy/Glossy) available on request
Colour	: White or any color as per EVI shade card
Specific gravity	: 1.22 ± 0.02
Mixed Solids (% by vol.)	: 46 ± 2
Diluent	: EVI Acrylic Thinner
Flash point	: 25°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 Matt White would cover 10 – 12 sq. meters per lit but also depend on the color.

Drying Time (30° C):	Set to touch: < 2 hours. Ready for Recoat: App 6-8 hours.
Recommended DFT:	1 mist coat followed by a good full coat App 30 - 40 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 Matt White.

For Concrete, Plaster, Masonry, Brickwork, Blockwork

Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast. Apply one coat of EVI all Weather Tex Primer. Allow drying, followed by EVI Textile Acrylic Spray Compound or Allow to dry and apply one to two coats of EVI Thermoplastic Matt White. This is an ideal recommendation for the EVI Textile system.

For metals

A good coat of EVI Thermoplastic Matt White can be applied as a top coat for metals for protection.

For Prepainted Surfaces

If the surface is previously painted and is dusting, chalking or friable, ensure that all friable and loose material are removed by a stiff bristled brush and scraping. Thoroughly dust down the entire surface. Treat

fungal growth, if any, with EVI Fungicidal solution and allow drying. Apply one coat of EVI Penetrating Sealer and allow drying, and then apply one to two coats of EVI Thermoplastic Matt White. 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 Acrylic Thinner for ease of application of brush/roller/or spray viscosity.

Caution

Over diluting would result in sag and run downs.

Paint System

EVI THERMOPLASTIC MATT WHITE

-EVI Thermoplastic Penetrating Sealer 1 coat of
0.8 to 1 mil

-EVI Thermoplastic Matt 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: 25°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.