

THERMOPLASTIC CLEAR MATT

Product code: PS3121C

Composition and Application Field

EVI Thermoplastic Clear Matt is a high performance thermoplastic Acrylic based clear coating with excellent water repellent properties. The product exhibits very good resistance to carbon-dioxide diffusion and to chloride and sulfate 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.

Area of Use: Interiors & Exteriors.

Specification

Finish	: Smooth and Matt
Color	: Transparent
Specific gravity	: 0.88 ± 0.02
Solids (% by volume)	: $40 \pm 1\%$
Diluent	: EVI Acrylic Thinner
Flash point	: 28°C
Spread Rate	: $10 \text{ m}^2/\text{liter}$ at 40 mic.
Drying Time (30°C)	: Set to touch: < 2 hours. Ready for Recoat: App 6-8 hours.
Recommended DFT	: 40 microns per 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 Thermoplastic Clear Matt.

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 Texotile Acrylic Spray Compound or allow to dry and apply one to two coats of EVI Thermoplastic Clear Matt. This is an ideal recommendation for the EVI Texotile system.

For Pre-painted 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 before application of EVI Thermoplastic Clear Matt.

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, brush or conventional spray. When used as an anti-carbonation coat, use a highly thinned material (1:1) as the first coat. This would ensure proper impregnation of the product into the substrate. Apply succeeding coat normally. It maybe necessary to apply multiple coats to achieve the desired thickness.

Paint System

EVI THERMOPLASTIC CLEAR MATT

-EVI Thermoplastic Penetrating Sealer

-EVI Thermoplastic Clear Matt

1 coat of 0.8 to 1 mil

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: 28°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.

