

1K AUTO BASECOAT

Product code: PS3113

Composition and Application Field

EVI 1K Basecoat is a fast drying one component easy to apply product formulated using special cellulosic resins that exhibits very good resistance to color change.

The product can be applied on properly prepared primers and surfacers on metal and wooden substrates.

The product can be top coated with one or two component clear and pigmented topcoats.

Use

Substrates: Steel structure, metals, wood work and various concrete surfaces.

Area of Use: Interiors and Exteriors.

Specification

Finish	: Smooth satin finish
Colour	: White and tints of white, silver
Specific gravity	: 1.05 ± 0.03
Solids (% by volume)	: 10%
Diluent	: EVI PU Thinner
Flash point	: <21°C
Spread Rate	: 4-5 sqm/liter at 20 to 25 microns

Drying Time (30° C)	: Dust free: 10 minutes
	: Touch dry: 15 minutes
	: Hard dry: 90 minutes

Recommended DFT	: Packing > 20 Hours
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Surface Preparation

Substrates should be properly coated with a suitable primer or primer surface before application of 1K auto basecoat.

For Metals:

Should be primed with an epoxy primer or 2K primer before application of 1K basecoat.

For Wood:

Wood should be properly primed preferably with a suitable surface like PU primer or an NC based primer before application of 1K Auto basecoat

Important Note:

Allow the product to be fully dried for at least 6 hours before application of any top coats on it to achieve the best results.

Application Method

The recommended equipment for application is by air spray or air assisted airless spray. For spray application we suggest a normal spray gun with 1.8 mm nozzle at 3-4 atm/bar of

pressure. It can be used even airless or air-mix spray guns.

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.

One can add 10 – 15 % of **EVI PU Thinner** for ease of application. In hot condition please take from EVI technical services department for the correct thinner combinations.

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

Technical Paint System

EVI 1K Auto Basecoat	
-EVI Epoxy Primer	1 coat
-EVI 1K Auto Basecoat	2 coats
-EVI Acrylic 2K clear	1 coat
*Or as per EVI technical advise	

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: 27°C and contains organic solvents.

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: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.