

ACRYLIC 2K PRIMER

Product code: PS1751

Composition and Application Field

EVI Acrylic 2K Primer is an acrylic polyurethane resin and catalyst two component product. It is mainly developed to cater the needs of the construction, wood and metal coating industry as well as the Automobile industry. It has durable and good weather resistant pigments and the film has good toughness as well as flexibility. At the same time it brings about good adhesion to various top coats. Being, polyurethane based it is highly durable as a system and forms an integral part of the EVI Polyurethane series.

Use

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

Area of Use: Interiors and Exteriors.

Specification

Finish	: Matt
Colour	: White, Grey and Yellow
Specific gravity	: 1.45 ± 0.02
Solids (% by volume)	: 59 ± 1
Catalyst	: 10:1 (Component A : Component B, vol / vol)
Pot life (at 30°C)	: App 3 – 4 hours
Diluent	: EVI PU Thinner
Flash point	: 27°C (mixed)

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 Acrylic 2K Primer would cover 12 – 14 sq. meters per lit.

Drying Time (30° C)	: Set to touch: 3 – 4 hours
	: Ready for Recoat: app 6 – 8 hours
	: Hard Dry: overnight (16 hours)

Recommended DFT : App 40 - 50 mic 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 Acrylic 2K Primer**.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, metal and concrete surfaces.

For Metals:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A rust free surface should be achieved by good sweep blast or a wire brush. In case of automobile substrates where a high degree of surface is to be

maintained the use of **EVI Degreasing Solvent** is recommended. The proceed with the recommended system.

For wood:

Substrates that are generally used are clear wood natural, veneered or lightly stained. It is advised to use EVI Acrylic 2K Primer after sanding with sanding paper about 120-150 type. Fill all the grains with a good liberal coat. Be sure that no sanding residues (or other) are present on substrate before applying the topcoat finish. In case of stains to be used do note the compatibility with stains.

For Plaster, Masonry & Concrete:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush.

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:

Mix thoroughly Component A and Component B in the specified ratio and add thinner as below. Apply as detailed above.

To be done by Airless spray 4-5 kg/cm² (1600 – 2100 psi). Nozzle size: 0.017 – 0.019 inches or conventional spray at 50 – 60 psi. It can even be done with a roller. It is generally recommended to give a mist coat followed by a full coat.

One can add EVI PU Thinner for achieving spray viscosity of app 17 – 18 secs on Ford cup 4 ASTM at 30°C and for ease of application.

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

Technical Paint System

EVI ACRYLIC 2K PRIMER

-EVI Acrylic 2K Primer	1 coat
-EVI Epoxy Putty	2 coats
-EVI Acrylic 2K Clear Glossy	1 coat

*Recommended system to be applied as per surface preparation, or as per EVI technical advice.

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Storage and Shelf Life

Under dry and cool condition, Storage stability can be sound up to 6 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.



Sheet

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The above Data Sheet is based on our experience and extensive laboratory tests. We guarantee only the quality of the product in this Data Sheet. For safety measurements and details refer to the Safety Data Sheet. Evi reserves the right to modify the contents of the Data Sheet at any time and without prior notice as a system requirement in updating the product.

This Technical Data Sheet surpasses all previously issued versions

March 13, 2017

Date Revised: