

EPOXY BINDER CLEAR

Composition and Application Field

EVI Epoxy Binder Clear is an Epoxy based two component composition designed to be penetrating into the surfaces and seal them so as to function as a general purpose Epoxy primer without pigmentation. It has outstanding adhesion and good flow properties.

Substrates: Concrete, plaster, masonry, brickwork, block work and can be extended to wood work too.

Area of Use: As a general purpose epoxy primer for concrete, masonry and wooden surfaces and is the recommended primer for the EVI Epoxy Binder Clear.

Specification

Finish	: Matt / Options of small/medium/large/bubble type textures.
Color	: Off White
Specific gravity	: Comp A: 1.00 ± 0.02 Comp B: 0.88 ± 0.02 (Mix App 46%)
Solids (% by volume)	: 42 ± 2
Mixing Ratio	: 3 : 1 (Component A: Component B vol/vol)
Pot Life	: App 1 - 1½ hour (at 30°C)
Diluent	: EVI Epoxy 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 Epoxy Binder Clear would cover 11 – 12 sq. meters per liter.
Drying Time (30° C)	: Set to touch: 4 - 6 hours. : Ready for Recoat: App 6 - 8 hours. : (Ultimate curing 7 days)
Recommended DFT	: 1 mist coat followed by a good top coat. App 45 – 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 Epoxy Binder Clear.

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. For applying mix the EVI Epoxy Binder Clear (as per mixing ratio) allow to mature for 15 to 20 minutes before application. Apply one good coat or two nominal coats with a spray or a suitable roller and obtain the desired coverage.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, 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 gun / roller at 50-55 psi.

Nozzle size: 0.015-0.018 inches. One can add 5% of EVI Epoxy solvent for ease of application.

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

Paint System

EVI EPOXY BINDER CLEAR

- EVI Epoxy Binder Clear	1-2 coats
- EVI Epoxy Topcoat	2 coats

* Recommended system to be applied as per surface preparation, 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: 27°C and contains organic solvent.

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.

