

TEXOTILE EPOXY COMPOUND

Composition and Application Field

NOVA Textile Epoxy Compound is an Epoxy based two component product designed to be applied by spray and spreading into different patterns and is an integral. It is mainly developed to cater the needs of the wood 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 and at the same time 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 NOVA Polyurethane series.

Substrates: Steel structures and wood work.

Area of Use: Interiors & Exterior

Specification

Finish	: Matt
Color	: White, Gray, and Yellow
Specific gravity	: Comp A: 1.86 ± 0.02 , Comp B: 1.03 ± 0.02 (Mix SG: 1.70 ± 0.02)
Solids (% by volume)	: Comp A: $76 \pm 1\%$, Comp B: $74 \pm 0.02\%$ (Mix Vol. Sol: $1.70 \pm 0.02\%$)
Mixing Ratio	: 10 : 1 (Comp A : Comp B vol/vol)
Pot Life	: App 1 hour (at 30°C)
Diluent	: Ritver 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 NOVA Textile Epoxy Compound would cover 1 to 1.5 sq. meters per liter.

Drying Time (30° C)	: Set to touch: 4-6 hours. Ready for Recoat: app 16 hours. (Ultimate cure App. 7 days)
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Recommended DFT	: App 500– 1000 mic per coat.
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Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of NOVA is an ideal recommendation for the application of NOVA Textile Epoxy Compound.

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.

Before applying the NOVA Textile Epoxy Compound apply one coat of NOVA Epoxy Primer Clear (as per mixing ratio) and allow drying. Mix Comp A & Comp B of the NOVA Epoxy compound and allow to mature for 15 to 20 minutes before application. Apply one good coat or two nominal coats with a spray and obtain the desired texture.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wooden 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 Hopper gun/ roller at 4-5 kg/cm² (65-70 psi). Nozzle size: 0.197-0.315 inches. (While pressing for the required texture do not allow to stick on the roller).

One can add 5% of NOVA Epoxy solvent for ease of application depending on the suitability of application.

Caution: Over diluting would result in a flat and wrong texture.

Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to maximum 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.