

ROOF COATING COMPOUND (FLEXIBLE)

Product code: PW3616

Composition and Application Field

EVI Roof Coating Compound (Flexible) is a special formulation based on a liquid membrane based on a highly resilient polymer with a very low Tg and contains inert pigments. Its added feature is the extra elongation capacity. The product has good alkali resistance properties and it is extremely low in toxicity and odor. It is the most ideal choice for the protection of all types of roofs made of concrete, tiles, wood etc.,. It is resistant to the diffusion to a great extent. It is virtually a WATERPROOFING product.

Use

Substrates: Concrete, plaster, tile and timber.
Area of Use: Interior/ Exterior.

Specification

Finish	: Smooth
Colour	: White and grey
Specific gravity	: 1.25 ± 0.02
Solids (% by volume)	: 50 ± 1%
Diluent	: Sweet Water
Flash Point	: Not Applicable
Spread Rate:	

While the spread rate is directly dependant on the surface profile and also the type of undulations it has, over spray and also the equipment EVI Roof Coating Compound (Flexible) would cover app 1 – 2 m² /liter for 1 to 2 coats of 1mm maximum each.

Drying Time (30° C)

The curing period will depend on the coat thickness, climatic conditions etc. Please ensure that the coating is fully dry and cured before exposure to rainfall and water.

Recommended DFT:

1 to 2 coats. App a few mm thick (depending on the degree of protection required).

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 Roof Coating Compound (Flexible).

For Roofs of various types:

Achieve a good and clean surface by removing all contaminants and loose particles by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Water washing under pressure is recommended. If fungus is present then a good coat of EVI fungicidal wash compound is to be applied and rinsed properly after thorough drying. In case of interiors it is advisable to clean with a damp cloth.

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

Application Method

EVI Roof Coating Compound (Flexible) can be applied by brush, roller, trowel or spray. Apply first coat diluted with 2- 3% sweet water. Apply 2nd and 3rd coat without dilution to achieve film thickness 2-3mm. Allow to dry overnight between successive coats.

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 5 to 10% of sweet water for ease of application depending on the suitability of application.

- 1. Brush/ Roller:** Apply an even coat spreading uniformly.
- 2. Trowel:** Apply an even coat spreading uniformly.
- 3. Spray:** Make a uniform spray of the product with just enough dilution.

Typical Paint System

EVI ROOF COATING COMPOUND (FLEXIBLE)	
-EVI Roofing Primer Coat	1 coat
-EVI Roof Coating Compound (Flexible)	2 coats

*Or as per EVI technical advice

Storage & 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: Not applicable.

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.