

Paynt

Technology For Protection

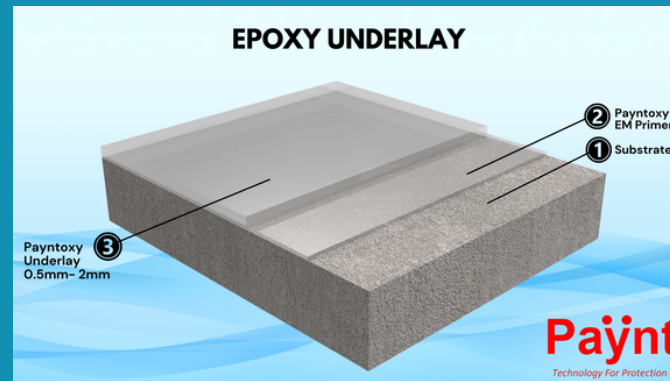
• FLOORING SYSTEM



PAYNTOXY UNDERLAY

Payntoxy Underlay is a three-component epoxy resin underlayment moisture barrier that does not require a solvent and self-smooths when filled with a filler combination of silica sand. When weathered or exposed to UV radiation, payntoxy underlay loses its colour stability. Applying a color-stable coating is advised. Before applying the final floor finish, the Payntoxy underlay texture can be used as an underlayment and scratch coat to smooth out any uneven areas on the floor.

Typical Uses Area: Heavy traffic. Impact and chemicals areas.



A D V A N T A G E S



Minimal smell, no solvents

When sealed, the finish is clean and seamless.



Superior resilience to impact

High traffic volume



Minimal upkeep and superior chemical resistance



Substrate requirement and preparation

1. Concrete substrates, also known as screeds, must have a minimum adhesive pull-off strength of 1.5N/mm² and a minimum compressive strength of 25N/mm² (also known as concrete failure).
2. To achieve an open textured surface, concrete substrates must be mechanically prepared using abrasive blast cleaning or scarifying equipment to remove cement laitance.
3. Cracks and hollows need to be appropriately filled in.
4. Grinding can be used to get rid of high areas and rough contaminations.
5. Before applying the product, the substrate needs to be thoroughly cleaned and free of any loose or friable material, oil, dust, paint residue, algae, and other impurities.



Mixing

Pour the entire Part B into the Part A container. Using an appropriate electrical stirrer (with a 750 watt high power mixer), thoroughly mix the two liquid parts for one minute. Then, add the component C and stir for at least two minutes, until a totally homogenous mix is obtained.

Application

1. Use an appropriate roller to apply Payntoxy Em Primer as a primer to effectively seal the substrate porosity.
2. Usually, payntoxy Em Primer cures in 8 to 14 hours, at which point Payntoxy Underlay can only be applied.
3. Using a notched squeegee or pin rake, spread the composite matrix to the appropriate depth based on the required thickness before applying the mixed Payntoxy Underlay. as soon as possible using a spiky roller to guarantee even thickness and release trapped air.

CLEANING OF TOOLS

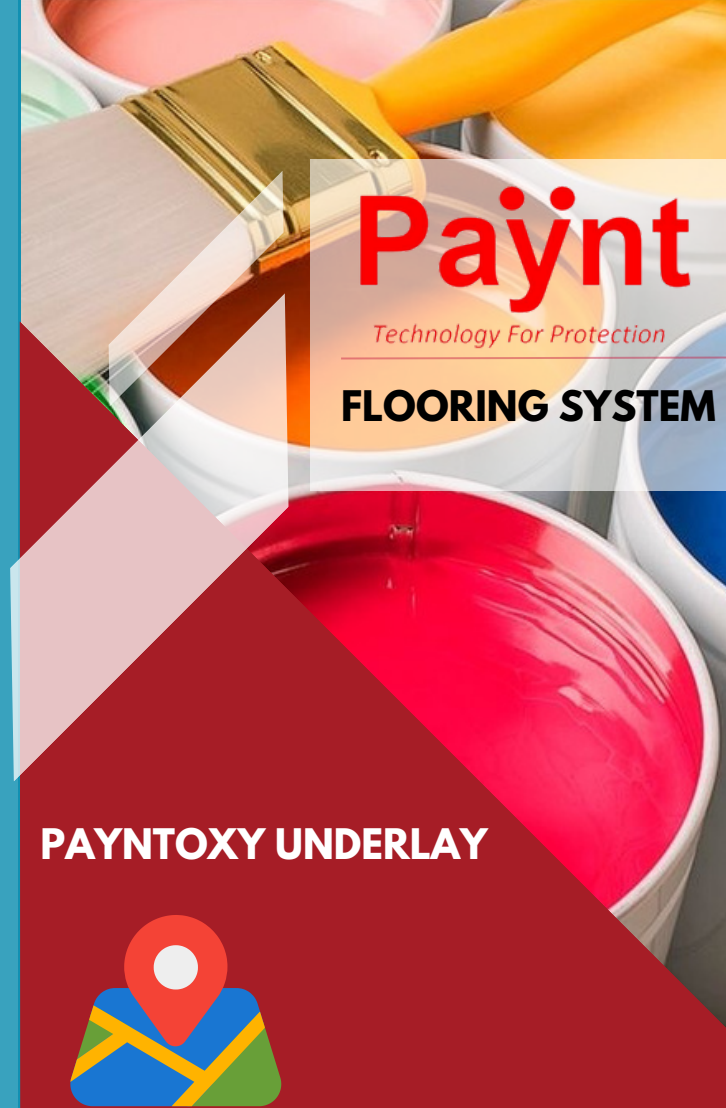
Use Paynthinner to clean all tools and application equipment before the product solidifies.

Maintenance and care after cure

To extend the lifespan of epoxy floors, we advise performing routine cleaning and maintenance with an alkaline detergent and a single or double-headed rotary scrubber drier.

Further Information

The Safety Data Sheet contains warnings and precautions regarding the proper handling of this product. It is recommended that you use protective gear and eyewear. The application area/site must have enough ventilation; otherwise, a portable exhaust fan is recommended.



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For more inquiry, please contact:

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Paynt products come with a warranty against defective materials. There is no assurance of an application result or any liability claims due to differences in substrate and operating conditions. Users are required to conduct a test based on their intended use.