

Paynt

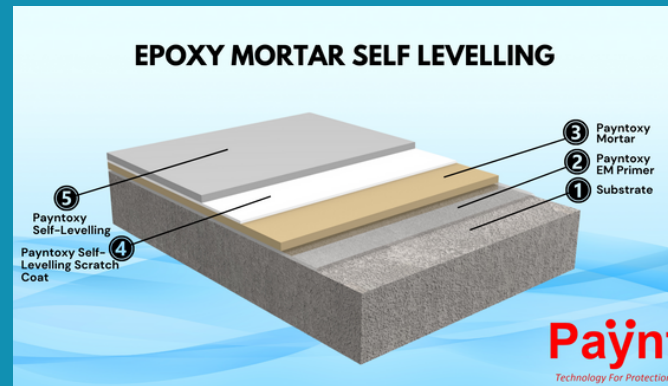
Technology For Protection

• FLOORING SYSTEM



PAYNTOXY MORTAR SELF- LEVELLING

PAYNTOXY MORTAR SELF-LEVELLING is a high-performance flooring solution that offers a seamless, long-lasting, and smooth finish on a variety of surfaces. This sophisticated epoxy composition ensures easy application and a perfect, even surface by fusing the strength and toughness of epoxy with self-leveling qualities. This mortar, which is perfect for commercial and industrial environments, fortifies a flooring system to endure harsh chemicals, impacts, and heavy foot traffic. By removing flaws and inconsistencies, the self-leveling feature guarantees a constant and level surface. Epoxy mortar self-leveling is a long-lasting, low-maintenance solution that improves the space's usability and aesthetic appeal in warehouses, manufacturing buildings, and healthcare settings.



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Low odour and free of solvents

When sealed, the finish is clean and seamless



Superior resilience to impacts

High volume of traffic



Excellent resistance to chemicals

Adhered to the BS6920 specification



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Substrate Requirements And Preparation

The minimum compressive strength of the substrate concrete or screed should be 25 N/mm², and the minimum adhesive pull-off strength should be 1.5 N/mm². The substrate needs to be free of contaminants such as paint residue, chemicals, dust, oil, and algae, and it should also be clean and devoid of laitance. The substrate needs to be devoid of groundwater pressure and dry. Apply Payntoxy mortar (compressive strength 60N/mm²) 4-5 mm thick as a moisture barrier if the substrate moisture content was higher than 4%. The substrate needs to be vacuum shot blasted and any rough contaminations ground away. Hollows and cracks need to be appropriately filled in. For anchoring purposes, prepare grooves of 3 mm in width and 3 mm in depth at all edges, bay joints, columns, entrances, and drains.

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TEMPERATURE CONDITIONS OF APPLICATIONS

1. If the relative humidity is higher than 90% and the surface to be coated is less than 5% above the dew point, do not apply.
2. Temperatures below 5°C and above 40°C should not be applied.

SEALING

To seal the porous surface, apply one or two coats of Payntoxy Scratch Coat Compound using a scratch coat.

CLEANING OF TOOLS

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

Maintenance and care after cure

The Safety Data Sheet contains information on using this product safely, including warnings and precautions, to be advised to wear appropriate clothing and protective eyewear. It is advisable to employ a portable exhaust fan if the application area or site does not have adequate ventilation.

Further Information

The Safety Data Sheet contains information on using this product safely, including warnings and precautions, to be advised to wear appropriate clothing and protective eyewear. It is advisable to employ a portable exhaust fan if the application area or site does not have adequate ventilation.

Mixing

Using a suitable electrical stirrer (with a 750 watt high power mixer), stir the Part A mix for 30 seconds. Then, add all of the Part B (Hardener), and vigorously mix the two liquid parts for two minutes, until a homogenous mixture is created.

Application

1. Apply *Payntoxy EM Primer*, which can be used as a primer to effectively seal the substrate porosity with the right roller.
2. *Payntoxy EM Primer* cures in 8 to 14 hours on average, after which another layer of *Payntoxy EM Primer* can only be applied.
3. Use a steel blade trowel or power float to finish applying the mixed *Payntoxy Mortar* within an hour of priming, or while the priming coat is still tacky. Spread the screed using a screed box onto the primer floor to the required thickness, compact, and finish.
4. Once the *Payntoxy Mortar* has completely cured, proceed to apply a *Payntoxy Scratch Coat* to seal the surface of the mortar.
5. Following the full curing of the *Payntoxy Scratch Coat*, proceed with the application of 1-2mm of *Payntoxy Self-Levelling* finish as the final layer.

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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.