Paynt
Technology For Protection

- **FLOORING SYSTEM**

PAYNTOXY MORTAR WITH PAYNTSHIELD ANTI-SLIP COATING is a cutting-edge technology that combines the durability of epoxy mortar with improved safety features. This flooring solution combines an anti-slip surface that promotes safety in places prone to moisture or spills with the durability of epoxy to provide great traction even in difficult situations. Long-lasting performance without sacrificing style is ensured by the additional UV resistance, which makes it a great option for both indoor and outdoor settings. Epoxy mortar UV anti-slip flooring offers a dependable solution that puts both safety and longevity first, whether in commercial spaces and walkways where slip resistance is crucial or in industrial environments where chemical resistance and heavy traffic are prevalent.

EPOXY MORTAR WITH PAYNTSHIELD ANTI SLIP COATING

⑥ PU/Payntshield Anti-Slip 2nd Layer
⑤ PU/Payntshield Anti-Slip 1st Layer
④ Payntoxy Scratch Coat
③ Payntoxy Mortar
② Payntoxy EM Primer
① Substrate

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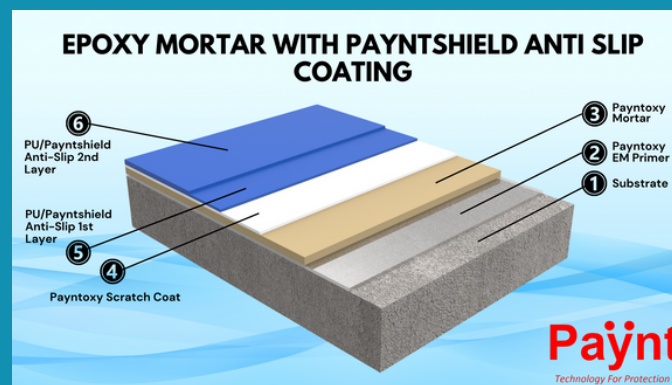
ADVANTAGES

- Low odour and free of solvents
- A clean, seamless finish that seals well.
- Strong resistance to impact.
- Minimal upkeep
- Serious traffic-related work.
- Outstanding resistance to chemicals

Substrate Requirement And Preparation

Minimum adhesive pull-off strength of 1.5N/mm² and minimum compressive strength of 25N/mm² (concrete failure) should be met by substrate concrete or screed. To obtain an open textured surface and eliminate cement laitance, concrete substrates must be mechanically prepared using abrasive blast cleaning or scarifying equipment. Holes and cracks need to be appropriately filled in. Grinding can be used to get rid of high areas and rough contaminations. Before applying the product, all surfaces should be well cleaned of any loose or friable material and free of laitance, oil, dust, paint residue, algae, and other contaminants.

PAYNTOXY MORTAR WITH PAYNTSHIELD ANTI-SLIP COATING

①

②

Mixing

Transfer PART A & PART B (mixed) to a forced action mixer, such as a crete angle, and mix with aggregate until uniform. Pour all of Part B into the Part A container and mix both liquid parts thoroughly for one minute using a suitable electrical stirrer (with 750 watt high power mixer).

Application

1. Apply *Pantoxy EM Primer*, which can be used as a primer to effectively seal the substrate porosity with the right roller.
2. After *Pantoxy EM Primer* has healed, which usually takes 8 to 14 hours, you can only apply another coat of *Pantoxy EM Primer*.
3. Within an hour of priming (that is, when the priming layer is still sticky), apply the mixed *Pantoxy EM Primer*. Using a screed box, spread the screed onto the primer floor to the required thickness. Compact and finish with a steel blade trowel or power float.
4. Once the *Payntoxy Mortar* has fully cured, proceed to apply a *Payntoxy Scratch Coat* to seal the surface of the mortar.
5. After the *Payntoxy Scratch Coat* has completely cured, apply two coats of *Payntshield Anti-Slip* as the finishing layer.

3

SEALING

To seal the porous surface, apply one or two coats of *Payntoxy scratch coat* as a scratch coat.

CLEANING OF TOOLS

Before the product hardens, use *Paynthinner* to clean all the tools and application equipment.

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

Caution and safety measures The Safety Data Sheet contains information on how to handle this product safely. 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.

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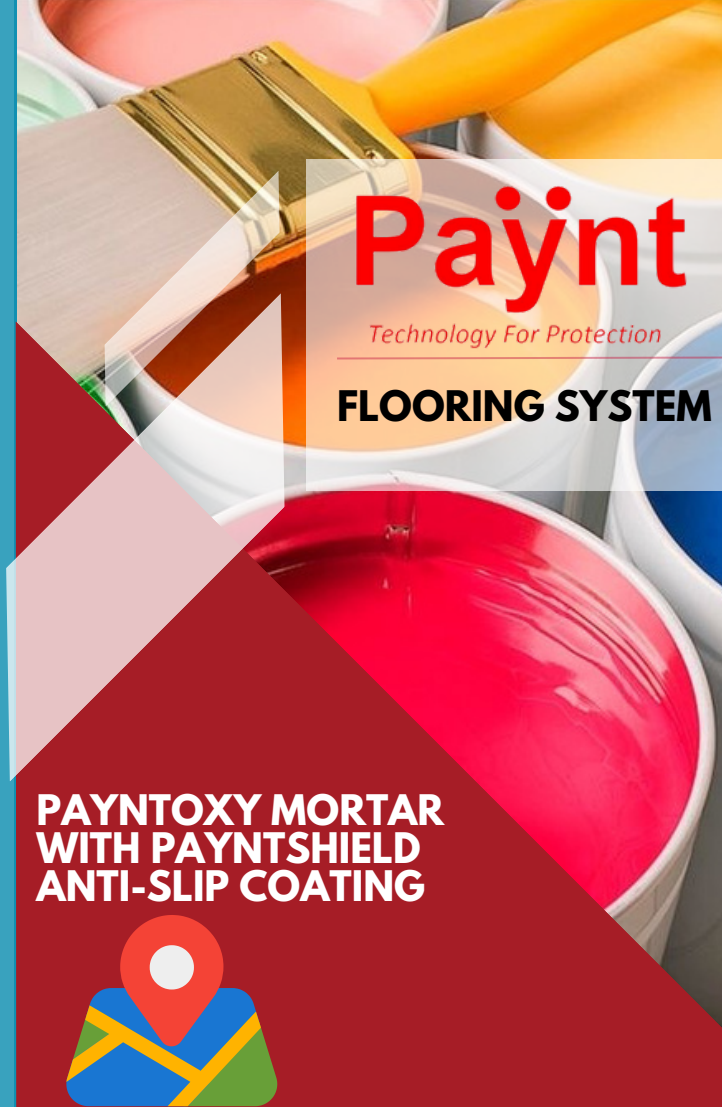
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