




EPOXY FLOORING

INORCO

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INTRODUCTION

Epoxy floor coating is an excellent flooring option for industries that require tough, durable, concrete protection against damage from a range of harsh substances and chemicals. Be it commercial or industrial, concrete substrates are porous by nature and without the proper protective coating, concrete surface absorbs solvents, acids, alkalis, and other compounds and deteriorates eventually.

Our epoxy flooring system is designed to penetrate and seal the concrete to form a tough and impermeable surface. Epoxy flooring consists of resinous material with a combination of resin, hardener and filler. These are mixed on-site and carefully applied on the surface.



PRE-PAINTING STEPS

Pre-Painting steps involves cleaning, grinding, and priming for surface- preparation.

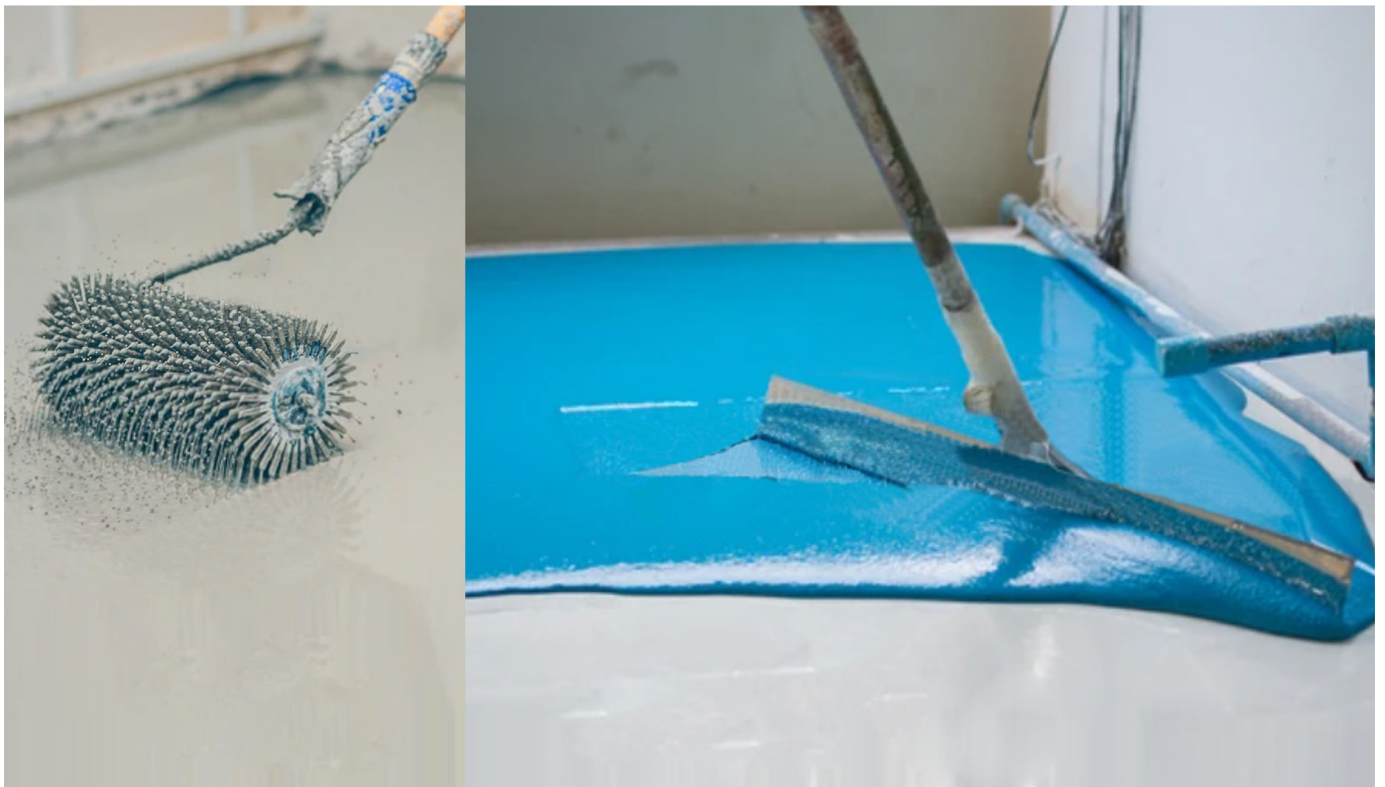


1. Remove previous paint, loose rust/concrete using suitable power tools.
2. Sand the surface with grinding machine and wipe clean.
3. Clean the surface using solvent to remove any greasy deposits, fine particles and dust.
4. Ensure that the surface is clean and dry before painting.

APPLICATION PROCESS

Application	Mixing Ratio Base: Hardener By Volume	Recoating Period
Step 1	Cleaning, Grinding, & Surface Preparation	
Step 2 <i>INORCO Primer First Coat</i>	4:1 *DFT: 3 mm	12 Hours
Step 3 <i>INORCO Primer Second Coat</i>	Apply second coat (if necessary) in case surface is not properly sealed off.	
Step 4 <i>Final Coat</i>	4:1 *DFT: 1.5 mm	12 Hours
Step 5 <i>Yellow Lining</i>	Marking: "3.5" inch Yellow Line	

*Recoating period for 25°C & % 50 % Relative Humidity, these may vary under different conditions



SITE IMAGES



PRECAUTIONS



Apply epoxy coating in warm weather rather than cold weather. The sweet point is around 25 degrees Celsius. It is because at warm temperature epoxy flows better and cures faster.

Slowly Mix the two parts of an epoxy system. It is better to mix for two minutes at 300 rpm than 30 seconds at 1500 rpm because high powered mixing causes bubble formation.

Use the spiked roller and spiked shoes for application to avoid blister free surface.

Seal the substrate with primer. If the slab has absorbed the primer, **COMPULSORY** go for a second coat of primer to ensure that the concrete has been properly sealed off.

Make sure that you are applying on a dry slab. If in doubt conduct moisture tests on the slab to make sure that the slab is dry.






ISO 9001: 2015



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