

X-PAVE

Resin bonded aggregates surfacing



Introduction

X-Pave is a resin bonded aggregates surfacing system. It utilizes durable polyurethane binder and selected aggregates to generate aesthetically appealing and natural looking surface. Wide variations in color, texture and roughness can be attained with the suitable choice of aggregate.

Key features

- 100% solid flexible polyurethane binder
- Fast setting and easy to apply
- Variety of color, texture and roughness available
- Good adhesion with concrete, masonry and natural stone

Technical data

Mixing ratio	5:1 Part A: Part B by weight
Pot life	20 Min
Cure time	24 hours
Adhesion strength	>3 N/mm ²

Application Procedure

1. Make sure the surface is free from debris, deshuttering oil, laitance, paint, grease etc. The moisture content in the concrete must be less than 5%.
2. Grind the concrete surface properly using hand held grinder machine or concrete polishing machine (for larger areas). Remove dust using vacuum system or air blower.
3. Apply Deck Prime EP for enhanced bonding. Please refer Deck Prime EP product datasheet for further details.
4. Prepare XPave polyurethane binder by mixing XPave Part A and Part B in a clean and dry container. Make sure to mix Part A and B completely. If however part mixing is necessary, the mixing ratio of Part A and B must be according to the recommendation given the table above. For proper mixing use a low RPM hand held stirrer. Mixing for 23 minutes with the stirrer is sufficient.
5. Apply the mix using notched trowel and level it using spike roller.
6. Once the coverage of binder is made even, scatter the selected aggregates uniformly. Make sure the entire binder surface is properly covered.
7. Allow the resin to cure for 12 hours. Afterward remove excess/ loose aggregates present on the surface.

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Coverage

0.4-0.6 Kg per m² per coat depending upon the surface roughness.

Packaging

Part A - 5 Kg and Part B - 1 Kg

Storage

Store in the original container with the lid closed appropriately. Avoid extreme temperatures and direct exposure to sunlight. Keep in cool, dry and under shed. Shelf life is 6 months from the date of manufacturing.

Health and Safety

Kindly wear hand gloves and safety goggles while handling the product. Any contact with eyes should be washed immediately with clean water and seek medical advice. Do not swallow, avoid contact with food or cooking utensils and keep away from children's reach. If splashed on to cloth or any other fabric, wash immediately otherwise it may leave permanent stain.

Product Disclaimer

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental conditions while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.