

TECHNICAL DATASHEET

PAXFLOOR VPX 120 M - EPOXY PRIMER MULTI

DESCRIPTION

PAXFLOOR VPX 120 M Epoxy Primer Multi is a versatile 2-in-1 Primer & Bodycoat solution, combining the benefits of both a primer and a bodycoat into a single product. This two-component, solvent-free formulation features low viscosity and high-strength epoxy resin, making it ideal for a variety of applications. Designed to be applied over any of the previously mentioned primers, PAXFLOOR VPX 120 M ensures excellent adhesion and durability, providing a robust foundation for your flooring system.

RECOMMENDED USE

PAXFLOOR VPX 120 M is suitable for use in a wide range of environments, including:

- Industrial Facilities
- Commercial Spaces
- Workshops and Showrooms
- Garages and Car Parks
- Kitchens
- Laboratories
- Hospitals
- Storage Areas

This versatile product is compatible with other PAXFLOOR and PAXDECO flooring systems, ensuring seamless integration and performance.

TECHNICAL SPECIFICATION

Type	:	Two-component solvent-based
Color	:	White
Finish	:	Gloss
Flexibility	:	Good
Water Resistance	:	Good
Solid by Volume (mixture)	:	± 98%
Specific Gravity (mixture)	:	± 1.52 gr/cc
Material consumption	:	0.6 kg-set/m ² for ± 500 microns DFT
Theoretical Coverage	:	1.67 m ² /Kg-set
Bonding Strength	:	>2.5 N/mm ² (concrete failure)
Drying time (30°C)	:	
Surface dry	:	3 hours
Hard dry	:	20 hours
Full Cure	:	7 days
Open traffic	:	24 hours for light traffic and 7 days for vehicular traffic
Packaging	:	5 and 20 kg set

SURFACE PREPARATION

To achieve optimal adhesion and performance, ensure that the substrate is properly prepared. The concrete surface should have a compressive strength of at least 25 N/mm² and be free from contaminants such as dust, oil, grease, and loose particles. Follow these steps for effective surface preparation:

- **Clean the Surface:** Use industrial-grade detergents or degreasers to remove contaminants.
- **Mechanical Preparation:** Employ methods such as vacuum recovery shot blasting to achieve the desired surface texture.
- **Repair Damages:** Address any cracks or surface imperfections, allowing them to dry before application.
- **Avoid Exposure:** Do not expose the primer/bodycoat to water, chemicals, or mechanical stress until fully cured.

APPLICATION DATA

Mixing Ratio by Weight	:	Comp A : Comp B = 4 : 1
Pot Life (30°C)	:	25 minutes at 23°C 40 minutes after pouring it onto the floor
Application Method	:	Roller or Scrab
Application Temperature	:	25°C - 35°C
Re-coating Interval (30°C)	:	12 – 18 hours
Thinner/Cleaner	:	Epoxy Thinner
Mixing Instructions	:	Utilize a low-speed electric mixer to slowly stir Component A before combining. Mix one set of PAXFLOOR VPX 120 M according to the specified weight ratio until a homogeneous mixture is achieved (approximately 2 minutes).
Application Instructions	:	Pour the mixed material onto the substrate according to the specified consumption rate and spread using a metal trowel or rubber squeegee. Allow the curing time based on the re-coating interval before applying subsequent coats.

Provide adequate ventilation during application and drying in confined spaces. Please get in touch with our technical department for application locations and techniques variety.

RECOMMENDED COATING SYSTEM

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| 1. | VPX 120 M | 1 x 500 µm (DFT) |
| | VPX 320 SL | 1 x 300 µm (DFT) |
| 2. | VPX 120 M | 1 x 500 µm (DFT) |
| | VPX 320 SL | 1 x 500 µm (DFT) |
| 3. | VPX 120 M | 1 x 500 µm (DFT) |
| | VPX 350 DC | 1 x 500 µm (DFT) |

STORAGE AND HANDLING

Storage : Store the product in accordance with local regulations. Keep containers sealed and protected from direct sunlight and extreme temperatures. Avoid storing near ignition sources. Do not return unused material to the original container to prevent contamination.

Handling: Handle with care and stir well before use.

HEALTH AND SAFETY

To ensure safety during application, avoid skin and eye contact by wearing appropriate protective gear, including overalls, gloves, goggles, and masks. In case of skin contact, wash thoroughly with soap and water. If the product comes into contact with eyes, flush immediately with fresh water. Avoid inhaling vapors and paint mist by using a suitable mask. In case of ingestion or eye contact, seek medical attention promptly. Ensure that painting is conducted in a well-ventilated area, and prohibit smoking in the vicinity. Always adhere to local safety regulations.

DISCLAIMER

The information provided in this datasheet is intended to assist customers in evaluating the suitability of our products for their applications. Our products are designed for industrial and commercial use only. The user assumes full responsibility for quality control, testing, and determining the appropriateness of the products for their intended applications. We guarantee that our products will meet the specifications outlined in our written documentation. However, we make no other warranties, either express or implied, including any warranty of merchantability or fitness for a particular purpose. While the descriptions, designs, data, and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. All data refers to standard production using manufacturing testing tolerances. We warrant only the quality of our product, and this datasheet is based on results obtained from experience and testing. We reserve the right to modify data without prior notice.