

## TECHNICAL DATASHEET

### PAXFLOOR VPX 320 SL - EPOXY TOPCOAT

#### DESCRIPTION

**PAXFLOOR VPX 320 SL** Epoxy Topcoat is a solvent-based, two-component epoxy resin floor coating that delivers exceptional chemical and abrasion resistance. This advanced coating results in a high-gloss, seamless surface that is not only aesthetically pleasing but also hygienic, making it suitable for a variety of environments. Available in a wide range of attractive colors, PAXFLOOR VPX 320 SL allows for customization to meet specific design preferences.

#### RECOMMENDED USE

It can be applied at various thicknesses to meet the exact requirements. Particularly suitable for chemical-resistant needs such as:

- Workshops/Showrooms
- Car Parks/Garages
- Storage Areas
- Industrial Facilities
- Emergency Strairwells
- Electrical Panel Rooms
- Kitchens
- Commercial Spaces
- Hospitals
- Laboratories

Advantages:

- Gloss finish
- Seamless
- Excellent flow
- Chemical resistant
- Easy to apply and clean
- Good abrasion resistant
- Excellent adhesion
- Colorfastness

#### TECHNICAL SPECIFICATION

Type	:	Two-component solvent-based
Color	:	Various colours
Finish	:	Gloss
Flexibility	:	Good
Water Resistance	:	Good
Solid by Volume (mixture)	:	± 97%
Specific Gravity (mixture)	:	± 1.4 gr/cc
Material consumption	:	0.6 kg-set/m <sup>2</sup> for ± 500 microns DFT
Theoretical Coverage	:	2 m <sup>2</sup> /Kg-set
Bonding Strength	:	>2.5 N/mm <sup>2</sup> (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

For optimal performance of the epoxy self-leveling system, it is essential that the concrete floor exhibits a compressive strength of at least 25 N/mm<sup>2</sup> after a curing period of 28 days. The moisture content of the substrate must be maintained below 5% to prevent adhesion issues and ensure a durable finish. Additionally, the surface temperature should be a minimum of 3°C above the current dew point to avoid condensation during application. Before applying the epoxy, the surface must be sound, clean, and free from any contaminants. This includes the removal of loose particles, oil, mortar, grease, dust, and other debris. Utilize industrial-grade detergents or degreasers for effective cleaning, followed by mechanical methods such as shot blasting or grinding to achieve the desired surface profile. Proper surface preparation for **PAXFLOOR VPX 320 SL** is crucial to ensure maximum adhesion and performance of the epoxy self-leveling system.

### APPLICATION DATA

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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 320 SL 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. Ensure adequate ventilation during application and drying in confined spaces.

### RECOMMENDED COATING SYSTEM

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1. VPX 100 S      1 x 100 µm (DFT)  
    VPX 320 SL      1 x 300 µm (DFT)
2. VPX 100 SF      1 x 100 µm (DFT)  
    VPX 320 SL      1 x 500 µm (DFT)
3. VPX 120 M      1 x 500 µm (DFT)  
    VPX 320 SL      1 x 500 µm (DFT)

### STORAGE AND HANDLING

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- Storage : Store the paint in proper storage conditions as per the local regulations. Keep the paint container sealed under a shed, away from direct sunlight and extreme temperatures. Do not stock paint material near any ignition sources. Do not return the half or unused material in the original container containing the supplied paint to avoid contamination.
- Handling: Handle with care and stir well before use.

### HEALTH AND SAFETY

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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

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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.