PAZ EPOXY FLOOR SL500

Two-Component Penetrating Epoxy Primer for Concrete Floors

Product description

PAZ Epoxy Floor SL500 is a two-component, solvent-free, penetrating epoxy primer designed for concrete floor coatings.
The product exhibits excellent resistance to abrasion, diluted acids, alkaline solutions, aliphatic solvents, turpentine substitutes, oils, and more.
It is characterized by deep penetration into the substrate and serves as an effective bonding and sealing layer prior to epoxy topcoats.

Technical Data

- ✓ Color: RAL shades
- ✓ Gloss: Glossy
- ✓ Solids Content (by volume): 98 ± 2%
- ✓ Thinning / Tool Cleaning: Thinner 116
- ✓ Theoretical Coverage*: 4 m^2/L at 250m
- ✓ Mixing Ratio (by weight): Part A :2 Part B =: 1
- ✓ Waiting Time before Overcoating: 10 minutes
- ✓ Application Temperature : 10–30°C
- ✓ Drying Time (at 20–25°C):

Application Method	Working Time
Touch dry	8 hours
Recoat time	8–24 hours
Full cure	7 days

- ✓ Shelf Life: 12 months at 20–25°C

* Excellent penetration into concrete

Special Properties

- ✓ Excellent penetration into concrete
- ✓ Low viscosity / low tackiness
- ✓ Low emission of volatile organic compounds (VOC)
- ✓ Acts as a blocking primer against hot solvent-based topcoats
- ✓ Suitable for steel surfaces with light surface preparation

Packaging

Set weight (transparent): 13.6 kg
Part A: 11 kg (18 L plastic pail)
Part B: 5.4 kg (5 L metal can)



* Values are given as guidance only. Factors such as air movement and humidity must also be taken into account.

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Technical Specifications

Property	Test Method	Result
Adhesion Strength	ASTM D4541	N/cm^2 540
Abrasion Resistance	ASTM D4060 (CS17, 1 kg, 1000 cycles)	mg 120
UV Resistance	3000 hours	Resistant
Dry Heat Resistance	ASTM D2485	90°C
Exterior Exposure	-	Good (1 year)
Water Condensation Resistance	ASTM D4585	No rust, blistering or peeling
Thermal Shock	ASTM D2246	Pass
Flexibility	ASTM D522	Pass
Hardness	ASTM D3363	5H
Salt Spray Resistance	ASTM B117 (6000 h)	Rust rating 10 (ASTM D610)
Blistering Rating	ASTM D714	Rating 8
Impact Resistance	ISO 6272	7.9 Nm

All physical data obtained from tests conducted on the recommended system applied on sandblasted steel panels (minimum SA 2.5 according to ISO 8501-1).

Method of Use

Mixing Instructions

Proper mixing of the components is essential for correct application. Add the hardener (Part B) to the base component (Part A) and mix thoroughly using a mechanical mixer until a homogeneous mixture is obtained.

Surface Preparation

Refer to the concrete surface preparation sheet supplied separately.

Mixing Instructions

- ✓ Repair and coating of new and old porous concrete floors
- ✓ Primer before application of epoxy systems
- ✓ Penetrating concrete sealer
- ✓ Primer for lightly corroded steel surfaces
- ✓ Coating for equipment used in oil drilling
- ✓ Marine and corrosive environments

For Safety detailed instructions please refer to Pazkar's safety sheets (MSDS)

Warranty

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