

FLOGUARD PS 500 E

Solvent-Based Epoxy Clear Penetrating Sealer

Product Description:

FLOGUARD PS 500 E is a solvent-based, clear epoxy penetrating sealer specially designed to provide deep substrate penetration, excellent adhesion, and superior chemical and abrasion resistance. It acts as a high-performance primer and sealer for concrete, screeds, and masonry substrates, improving surface durability and ensuring long-lasting performance of subsequent coatings or flooring systems..

Features & Benefits

- Deep substrate penetration for superior adhesion
- Excellent chemical and abrasion resistance
- Reduces dusting and surface porosity
- Clear, solvent-based epoxy system
- Compatible with a wide range of flooring topcoats
- Easy to apply by roller, brush, or spray

Uses & Applications

- As a primer for epoxy, polyurethane, and other resin flooring systems
- Dust-proofing and sealing of concrete substrates
- Protective sealer for warehouses, workshops, factories, and car parks
- Reduces porosity and enhances adhesion on absorbent substrates
- Ideal for industrial, commercial, and heavy-duty flooring applications

Packaging

Available in 15 kg kits (Resin + Cure)

Shelf Life & Storage

- Shelf Life: 12 months in unopened original container.
- Store in a cool, dry place at temperatures between 5°C and 30°C.
- Protect from freezing and direct sunlight.

Technical specifications :

Property	Value
Appearance	Clear liquid
Dry Film	Transparent semi-gloss
Density @ 25°C	0.95 ± 0.05 g/cm ³
Solids Content	26 ± 2 %
Water Repellency	Excellent (No visible wetting)
Pot life	1 hr.
Drying Time	Touch dry: 2 – 4 hrs. Recoat : 12 – 18 hrs.
Fully cured	7 days
Coverage	5–8 m²/kg per coat depending on surface porosity

Instructions for use

1. Surface Preparation

- Substrate must be sound, dry, and free from dust, grease, laitance, or contaminants.
- Moisture content should not exceed 5%.
- Shot blasting, diamond grinding, or mechanical preparation is recommended.
- Cracks and defects should be repaired before application.

2. Application Instructions

- Mix Part A (resin) and Part B (hardener) in the specified ratio.
- Stir thoroughly using a slow-speed drill and paddle for at least 2–3 minutes.
- Apply using brush, roller, or spray in thin, even coats.
- Avoid pooling of material in low areas.
- Apply second coat if required within the recoat window

Safety & Handling

- Flammable. Use only in well-ventilated areas.
- Avoid inhalation of vapors. Wear appropriate PPE (gloves, goggles, respirator)
- In case of contact with skin or eyes, rinse immediately with plenty of water.
- Refer to the Safety Data Sheet (SDS) for full handling instructions.