

FLOGUARD PS 500 W

Water Based Acrylic – Silicon Concrete Penetrating Sealer

Product Description:

FLOGUARD PS 500 W is a high-performance, water-based protective coating formulated from acrylic emulsion and silicone Additives. It penetrates into concrete surfaces, sealing pores and providing water repellency, dust resistance, and a semi-gloss finish without altering the natural appearance of the substrate.

Features & Benefits

- Excellent water repellency due to silicone content
- Semi-gloss finish with dust-proofing effect
- UV-resistant and weather durable
- Good adhesion to porous mineral substrates
- Easy application — brush, roller, or spray

Uses & Applications

- Protective sealer for concrete floors, driveways, patios, and paving stones
- Water-repellent treatment for cement plaster, bricks, and masonry
- Ideal for both interior and exterior applications
- Suitable for industrial, commercial, and residential projects

Technical specifications :

Property	Value
Appearance	Milky white liquid
Dry Film	Transparent semi-gloss
Density @ 25°C	1.01 g/cm ³
pH Value	8.5 – 10.5
Solids Content	25 ± 2 %
Water Repellency	Excellent (No visible wetting)
Drying Time	Touch dry: 1–2 hrs
Fully cured	24 hrs

Packaging

- 20 kg plastic pail

Shelf Life & Storage

- Shelf Life: 12 months in unopened original container.
- Store in a cool, dry place at temperatures between 5°C and 35°C.
- Protect from freezing and direct sunlight.

Instructions for use

1. Surface Preparation

- Surface must be clean, dry, and free from dust, grease, or loose particles.
- Repair cracks and defects before application.
- Remove existing loose coatings, oil, or laitance.

2. Application Instructions

- Stir well before use.
- Apply using brush, roller, or low-pressure spray.
- Recommended 2 coats for best performance.
- Allow 2–4 hours drying time between coats.
- Clean tools immediately with water after use.

Coverage

- **5–8 m²/kg per coat** depending on surface porosity.

Safety & Handling

- Avoid contact with skin and eyes.
- Use in well-ventilated areas.
- In case of contact, wash immediately with water.
- Refer to the **Safety Data Sheet (SDS)** for detailed information.