

# Technical Data Sheet



## Koresil 450

### Exterior Sealer

#### Product Description

Koresil 450 is a premium, alkaline resistant styrene acrylic water based sealer. It provides adequate protection against efflorescence.

#### Recommended Use

Exterior use for concrete, masonry surfaces, walls, ceilings and soft board surfaces suitable for new and repainting projects.

#### Product Information

Binder	: Styrene Acrylic
No. of Components	: 1
Solids (% by Volume)	: 35 ± 2 %
Flash Point	: Non Flammable
Colour	: White (Please consult KCC representative for custom colours)
Finish	: Matt

#### Application Information

Substrate	: Concrete, Masonry, Plaster
Recommended No. of Coats	: 1
Recommended Wet Film Thickness	: 85 µm / Coat
Recommended Dry Film Thickness	: 30 µm / Coat
Theoretical Spreading Rate @ 29.75µm	: 12 m <sup>2</sup> / L / Coat
(Does not include substrate condition and loss factors)	
Drying Agent	: Evaporation, Coalescence
Drying Time	: Touch Dry 30 min Recoat 45 min

#### Application Methods

Applied By	: Brush / Roller / Spray
Thinner	: Clean Water
Clean Up	: Clean Water

#### Packaging & Storage

Packaging	: 5L, 18L
Shelf Life	: 12 months - Unopened
Storage	: Cool, dry and well ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

## Surface Preparation

### New Masonry Substrate

Allow all new surfaces to dry out thoroughly, preferably for at least 28 days drying time or check moisture content for less than 16%. Surface imperfections, misalignments and protrusions shall be made good and patched up. All surface contaminants such as laitance, dust and loose cement shall be removed using scraper, sandpapers and clean stilt brushes.

### Previously Painted Surfaces

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. Treat any areas affected by mould, lichens, algae and moss with "KCC Fungicidal Solution". Make good minor defects with an appropriate suitable exterior putty sealant.

## Typical Recommended Painting System

### **Substrate: Concrete, Masonry, Plaster**

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 450	1
Finish	Korever / Korevon	2

### **Substrate: Previously Painted Concrete, Masonry, Plaster**

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 450	1
Finish	Korever / Korevon	2

## Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with immediately after use.

## Health & Safety

Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.