

WALL SEALER 500

Premium Styrene Acrylic Emulsion Exterior Sealer

PRODUCT DESCRIPTION

Wall Sealer 500 is a premium, alkaline and efflorescence resistant pure styrene acrylic water based sealer. It has excellent penetration and adhesion properties with enhanced alkaline resistant specially formulated for fast track projects. It can be used onto green concrete. It is low VOC, APEO-free and certified with SIRIM Eco Label.

- ▶ Excellent alkaline and efflorescence resistant
- ▶ Suitable for green concrete / fresh concrete application.
- ▶ Certified with SIRIM Eco Label.
- ▶ Low VOC, APEO-free.

DESIGN USE

Exterior use for green concrete, masonry surfaces, walls.
Suitable for new and repainting projects.

PHYSICAL DATA

Volume Solids	38 ± 2%
Dry Film Thickness (DFT)	38 µm / Coat
Wet Film Thickness (WFT)	100 µm / Coat
Number of Coats	1
Theoretical Coverage	10 m ² /L/coat
Finish	Matt
Colour Range	White <i>(Please consult KCC representative for custom colours)</i>
No. of Components	1
Standard Packing Size	5L, 18L
Shelf-Life	12 months - Unopened

RECOMMENDED PAINTING SYSTEM

Substrate: Concrete, Masonry, Plaster

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Wall Sealer 500	1
Finish	Korever / WEATHERFORCE	2

Substrate: Previously Painted Concrete, Masonry, Plaster

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Wall Sealer 500	1
Finish	Korever / WEATHERFORCE	2

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APPLICATION METHOD Brush / Roller / Spray
 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.

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15°C	50 Min	1 Hr 50 Min	1 Hr 30 Min	N/A
25°C	30 Min	1 Hr 30 Min	1 Hr	N/A
35°C	15 Min	1 Hr	45 Min	N/A

ADDITIONAL INFORMATION	Thinner	Clean Water
	Thinning Ratio	Do not exceed 5% dilution ratio.
	Cleaning Solvent	Clean Water
	Flash Point	Non-Flammable
	Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5 ~ 35°C). Lid must be kept tightly closed

SURFACE PREPARATION

New Masonry Substrates

- ▶ Allow all new surfaces to dry out thoroughly for at least 3 days under good ventilation and weather conditions, where moisture content is less than 16% and pH is less than 11.
- ▶ 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.

Application conditions

- ▶ Ensure the surface is completely clean and dry.
- ▶ Ensure the relative humidity below 80% before painting.
- ▶ Ensure the surface temperature at least 3°C above dew point temperature.

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REMARKS

- ▶ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ▶ This product should only be applied over concrete, plaster and masonry substrate that have been suitably cleaned and prepared.
- ▶ Avoid excessive thinning as it will result in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ▶ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will result in difference in sheen level and unpleasant finishing.
- ▶ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ▶ Do not skip primer and sealer application as concrete primer and sealers will minimize efflorescence defects on humid area.
- ▶ Recommended to paint according to TDS and Application guide.
(Please consult with KCC customer service for any inquiries or browse to our website www.kccpaint.com.my)

SAFETY PRECAUTIONS

- ▶ Ensure adequate ventilation during application and drying.
- ▶ Avoid contact with eyes and skin.
- ▶ In case in 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.

FIRST AID

Eyes	Rinse immediately with plenty of water and seek medical advice.
Skin	Wash immediately with plenty of soap
Inhalation	Remove to fresh air, loosen collar and keep patient rested.
Ingestion	Do not induce vomiting. Seek medical attention.

DISCLAIMER

The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes which may occasionally result in marginal changes in the coating properties.

REVISION DATE	29/11/2023
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