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PRODUCT DATA SHEET

WEATHERGARD SEALER

Description	WEATHERGARD SEALER is water based environmentally friendly product conforming to Singapore Green Label Standards. It is specially formulated with 40% MORE resin to promote extra protection and resistance against alkaline and efflorescence attack which may cause discoloration to the wall and offer additional adhesion of the top coat to the wall. Film preservatives added help to resist against fungus and algae growth.
Type	Modified Acrylic Polymer Emulsion
Uses	As sealer used for exterior surfaces such as: - Cement plasters - Concrete - Brickworks
Finish	Sheen Colour: Standard White
Features	- Excellent alkali resistance with 40% more alkaline-resisting acrylic resin - Excellent efflorescence resistance to prevent discoloration - Very good adhesion on recommended surfaces - Anti-Fungus and Algae resistance property - Easy application - Does not contain Lead, Mercury and heavy metals - Green Label Certificate - Comply with National technical regulation QCVN 08:2020/BCT on the limits of Lead content in paints.
APPLICATION DATA	
Surface Preparation	Surface must be clean, dry, and stable. **Suggested Treatment:** Moisture: High moisture will cause paint defect. Observe the following level prior to painting: - Masonry: below 16% by Protimeter Mini BLD 2000 Moisture meter below 60% by Lutron MS-7003 Moisture meter All water seepage must be checked and repaired. Unstable matter: Powder, film, dirt, plaster etc. Remove by high pressure water jet wash or mechanical means such as power brush or scraper whichever is suitable. Contaminants: Dust and foreign matter must be removed by cleaning with damp cloth. Oil

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	or grease should be removed by solvent cleaning or mild detergent. Allow surface to dry again. Algae/Fungus: Wash off and treat with ANTI - FUNGUS SOLUTION. Rinse again with clean water and dry. Hairline cracks: Fill cracks with solvent-based filler or non-water soluble material.
Application Methods	Brush, roller or airless spray
Paint Consumption	Theoretical: 9.5 - 12.7 m^2/Liter (30 - 40 microns DFT)
Dilution	Use clean water Roller & brush - 20% maximum Airless Spray - 10% maximum
Spray Application	Airless Spray Delivery Pressure (kg/cm^2) 120 - 150 Tip size at 60° angle 0.017'' Dilution 10% maximum
Recommended Film Thickness per coat	30 - 40 microns DFT (Dry Film Thickness) per coat for standard application
Drying Time	Surface dry - 30 minutes at 30°C
Overcoating Time	4 hours. Minimum based on normal conditions.
Cleaning	Wash all equipment immediately after use with clean water
Storage	Keep containers tightly closed. Store in cool, dry and well-ventilated place at temperature between 5 to 40°C.
Packing	5 Liters & 15 Liters Containers
Precaution	Coverage depends on film thickness, roughness or porosity of the surface, loss during painting, etc. The actual drying time and time before recoating may be shorter or longer, depending on film thickness, temperature, ambient humidity, ventilation, etc. Avoid painting when the temperature is below 10°C and the humidity is over 85%. Avoid directly contacting with sensitive skin. Use appropriate protective equipment.
NOTE	*The information given applies to the product and its performance under specific test conditions. Due to the varied circumstances beyond our control under which the product may be applied, for specific application, please contact Nippon Paint Sales & Marketing Dept. We reserve the right to modify our product data sheet without further notice.*

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