PRODUCT DATA SHEET

WEATHERGARD PLUS+

Description	A high-performance water-based paint that possesses superior exterior durability with water proofing and very good dirt pick up resistance.
Type	Pure Acrylic Emulsion with Micro Gel Technology
Uses	Premium grade emulsion with excellent protective and decorative functions for all exterior masonry surfaces such as: - Cement plasters - Concrete - Brickworks…
Finish	Sheen Colour: Wide range of decorative colours as per colour card. Special colours on request.
Features	- Excellent weathering resistance and long lasting colour - Very good dirt pick up resistance - Good wash ability and water proofing - Good water streak mark resistance - High solar energy reflection, less heat build-up results in less power consumption for air-conditioning – energy saving - Excellent resistance to fungus and algae growth - Excellent to Alkaline & Efflorescence properties - Good adhesion on stable substrates - Easy apply with good flow & leveling properties - APEO free, Non-toxic, does not contain Lead, Mercury and heavy metals - Low VOCs (containing < 30g/L VOC, meeting the VOC requirement) - 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. **<u>Suggested Treatment:</u>** <u>Dirt/Powder:</u> High pressure water wash. Mild detergent may be used. For very powdery surface, apply a coat of HITEX 5180 SEALER after cleaning. <u>Old Paint/Plaster/Skimcoat:</u> Unstable old film / substrate should be removed by chisel, scraper, and power grinder whichever is appropriate. Uneven substrates must be re-

NIPPON PAINT (VIETNAM) CO., LTD
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	plastered with an approved putty / skimcoat. 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. Algae/Fungus: Remove by high pressure wash or by chisel, scraper and treat with ANTI - FUNGUS SOLUTION. Rinse again with clean water and dry. Oil/Grease: Clean off with mild detergent and a little solvent if necessary. Wash thoroughly to remove all trace.
Application Methods	Brush, roller or airless spray
Paint Consumption	Theoretical: 9.0 - 12.0 m^2/ liter (30 – 40 µm DFT)
Dilution	Not more than 10% of clean water if required Roller & brush - 10% maximum Airless Spray - 5% maximum
Spray Application	Airless Spray Delivery Pressure (kg/cm^2) 120 - 150 Tip size at 60º angle 0.017'' Dilution 5% maximum
Recommended Painting System	- 1 - 2 coats NIPPON EXTERIOR PUTTY - 1 coat WEATHERGARD SEALER - 2 coats WEATHERGARD PLUS+
Recommended Film Thickness per coat	30 – 40 microns DFT (Dry Film Thickness) per coat for standard application
Drying Time	Surface dry: 30 minutes at 30ºC
Over coating Time	2 hours. Minimum based on normal conditions.
Post Treatment	As the paint film is elastic, masking tapes used to protect surfaces not to be painted, e.g. door and window frames, should be removed with a knife or cutter.
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 40ºC.
Packing	1 Liter, 5 Liters & 15 Liters Containers
Precaution	Coverage depends on film thickness, roughness or porosity of the surface, loss during painting, etc.

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	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 direct contact 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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