

NIPPON WEATHERGARD

DESCRIPTION	Nippon WeatherGard is a high-performance water-based paint that possesses superior exterior durability with water resistance and solar reflective properties.										
TYPE	Modified Acrylic Emulsion										
USES	Premium grade emulsion with excellent protective and decorative functions for all exterior masonry surfaces such as: <ul style="list-style-type: none"> • Cement plasters • Concrete • Brickworks... 										
FINISH	Low Sheen Color: Wide range of colors as per color card. Special colors on request.										
FEATURES	<ul style="list-style-type: none"> • Excellent weathering resistance and long-lasting color. • High solar energy reflection, less heat build-up results in less power consumption for air-conditioning energy saving. • Good water resistant & water proofing resistance. • Excellent resistance to fungus and algae growth. • Excellent washability. • Excellent to Alkaline & Efflorescence properties. • Good adhesion on stable substrates. • Easy apply with good flow & levelling properties. • Low VOCs (containing < 50g/L VOC, meeting the VOC requirement). • Non-toxic, does not contain lead, mercury and heavy metals. 										
APPLICATION DATA											
METHOD	Brush, roller or airless spray										
PAINT CONSUMPTION	<p>Theoretical: 10.0 m² / liter (at 40μm DFT.)</p> <p>Practical: Approx. 9.0m² / liter (after 10% loss factor).</p> <p>The actual loss factor for a particular job may vary depending on the application condition, method and technique; surface condition; as well as the structure and dimension of the object to be coated.</p>										
DILUTION	<p>Not more than 10% of clean water if required</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Roller & brush</td> <td style="text-align: right;">10% maximum</td> </tr> <tr> <td></td> <td style="text-align: right;">Airless Spray</td> </tr> <tr> <td>Delivery Pressure (kg/cm²)</td> <td style="text-align: right;">120 – 150 kg/cm²</td> </tr> <tr> <td>Tip size at 60° angle</td> <td style="text-align: right;">0.017"</td> </tr> <tr> <td>Dilution</td> <td style="text-align: right;">10% maximum</td> </tr> </table>	Roller & brush	10% maximum		Airless Spray	Delivery Pressure (kg/cm ²)	120 – 150 kg/cm ²	Tip size at 60° angle	0.017"	Dilution	10% maximum
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Recommended Painting System	<ul style="list-style-type: none"> • 2-3 coats of Skimcoat Double Star or Skimcoat Hitex Chong Nong • 1 coat of Sumo Sealer or Hitex 5180 Wall Sealer • 2 coats of WeatherGard 										
REQUIRED THICKNESS	40 - 50 microns DFT. (Dry Film Thickness) per coat is recommended for standard application.										
SURFACE PREPARATION	<p>Surface must be clean, dry, and stable.</p> <p><u>Suggested Treatment:</u></p> <p>Dirt / Powder.....: High pressure water wash. Mild detergent may be used. For very powdery surface, apply a coat of NIPPON ACRYLIC 5170 WALL SEALER after cleaning.</p> <p>Old Paint / Plaster / Skim coat...: Unstable old film / substrate should be removed by chisel, scraper, and power grinder whichever is appropriate. Uneven substrates must be re- plastered with an approved putty / skim coat.</p> <p>Moisture.....: High moisture will cause paint defect. Observe the following level prior to painting: Masonry: below 6% Wood: below 10%</p> <p>Algae / Fungus.....: Remove by high pressure wash or by chisel, scraper and treat with ANTI- FUNGUS SOLUTION. Rinse again with clean water and dry.</p> <p>Oil / Grease.....: Clean off with mild detergent and a little solvent if necessary. Wash thoroughly to remove all trace.</p>										
DRYING TIME	Touch dry : 30 minutes at 30°C										
OVERCOATING TIME	Min. 2 hours at 25°C to 30°C for DFT. 40-50 microns.										
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.										

GENERAL INFORMATION	
SHELF LIFE	Up to 12 months when stored in tightly sealed containers below 25°C
PACKING	1 Liter, 5 Liters & 18 Liters
PRECAUTION	Avoid painting when the temperature is below 15°C and the humidity is over 85%. Avoid direct contact with sensitive skin. Use appropriate protective equipment.
NOTE	<i>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 specification without further notice.</i>