


PRODUCT DATA SHEET

WEATHERGARD HITEX

Description	<p>WEATHERGARD HITEX is a premium exterior paint with a sheen finish and superior dirt pick up resistance.</p> <p>The perfect combination of TitanGuard and MicroGel Technology creates a strong film, enhancing the paint's durability while providing high coverage, water resistance, and long-lasting colour. This product is the ideal choice for optimal protection of exterior wall surfaces in harsh weather conditions.</p>
Type	Pure Acrylic Emulsion with Micro Gel Technology
Uses	<p>Premium grade emulsion with excellent protective and decorative functions for all exterior masonry surfaces such as:</p> <p>- Cement plasters - Concrete - Brickworks...</p>
Finish	<p>Sheen</p> <p>Colour: Wide range of decorative colours as per colour card. Special colours on request.</p>
Features	<ul style="list-style-type: none"> - The paint film is durable and offers good water proofing with MicroGel Technology - Superior dirt pick up resistance with TitanGuard and Microgel Technology - Long-lasting colour with Colour Care Technology - High coverage and excellent hiding power - Excellent resistance to fungus and algae growth - Excellent to Alkaline & Efflorescence properties - Good adhesion on stable substrates - 8 Years protection with Japan quality - 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	<p>Surface must be clean, dry, and stable.</p> <p><u>Suggested Treatment:</u></p> <p><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.</p>

NIPPON PAINT (VIETNAM) CO., LTD

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	<p><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-plastered with an approved putty / skimcoat.</p> <p><u>Moisture:</u> High moisture will cause paint defect. Observe the following level prior to painting:</p> <ul style="list-style-type: none"> - Masonry: below 16% by Protimeter Mini BLD 2000 Moisture meter <li style="padding-left: 40px;">below 60% by Lutron MS-7003 Moisture meter <p>All water seepage must be checked and repaired.</p> <p><u>Algae/Fungus:</u> Remove by high pressure wash or by chisel, scraper and treat with ANTI - FUNGUS SOLUTION. Rinse again with clean water and dry.</p> <p><u>Oil/Grease:</u> Clean off with mild detergent and a little solvent if necessary. Wash thoroughly to remove all trace.</p>								
Application Methods	Brush, roller or airless spray								
Paint Consumption	Theoretical: 10.0 - 13.0 m ² / liter (30 – 40 µm DFT)								
Dilution	<p>Not more than 10% of clean water if required</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Brush & Roller</td><td style="width: 50%;">- 10% maximum</td></tr> <tr> <td>Airless Spray</td><td>- 5% maximum</td></tr> </table>	Brush & Roller	- 10% maximum	Airless Spray	- 5% maximum				
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Spray Application	<table style="width: 100%; border: none;"> <tr> <td></td><td style="text-align: center;"><u>Airless Spray</u></td></tr> <tr> <td>Delivery Pressure (kg/cm²)</td><td style="text-align: center;">120 - 150</td></tr> <tr> <td>Tip size at 60° angle</td><td style="text-align: center;">0.017"</td></tr> <tr> <td>Dilution</td><td style="text-align: center;">5% maximum</td></tr> </table>		<u>Airless Spray</u>	Delivery Pressure (kg/cm ²)	120 - 150	Tip size at 60° angle	0.017"	Dilution	5% maximum
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Tip size at 60° angle	0.017"								
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Recommended Painting System	<ul style="list-style-type: none"> - 1 - 2 coats NIPPON EXTERIOR PUTTY - 1 coat WEATHERGARD SEALER - 2 coats WEATHERGARD HITEX 								
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	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 40°C.								
Packing	5 Liters & 15 Liters Containers								

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Precaution	<p>Coverage depends on film thickness, roughness or porosity of the surface, loss during painting, etc.</p> <p>The actual drying time and time before recoating may be shorter or longer, depending on film thickness, temperature, ambient humidity, ventilation, etc.</p> <p>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.</p>
NOTE	<p><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 data sheet without further notice.</i></p>

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