

PRODUCT DATA SHEET

WEATHERBOND

Description	A highly durable water-based paint that provide ultimate performance to protect your building against harsh weather conditions, water proof and dirt, fungus resistance.
Type	Modified Acrylic Emulsion
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	- Durable against harsh weather - Excellent long-lasting color, especially with Colour Care Technology. Please refer to The Professional's Palette color chart or technical advice from Nippon Paint - Good water proofing property - Tougher resistance against fungus , algae , Alkaline & Efflorescence - Good adhesion on stable substrates - Easy apply with good flow & leveling properties - Environment friendly and non-toxic, does not contain Lead, Mercury and heavy metals - Low VOCs (containing < 50g/L VOC, meeting the VOC requirement) - Product is GREENGUARD Gold certified, meeting LEED standards for Green buildings - 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, power grinder whichever is appropriate. Uneven substrates must be re-plastered with an approved putty / skimcoat. <u>Moisture:</u> High moisture will cause paint defect. Observe the following level prior to painting: - Masonry: below 16% by Protimeter Mini BLD 2000 Moisture meter
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NIPPON PAINT (VIETNAM) CO., LTD

No. 14, 3A Road, Bien Hoa Industrial Zone II, Long Binh Tan Ward, Bien Hoa City, Dong Nai Province, Vietnam
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	below 60% by Lutron MS-7003 Moisture meter All water seepage must be checked and repaired. <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. <u>Oil/Grease:</u> Clean off with mild detergent and a little solvent if necessary. Wash thoroughly to remove all trace.
Application Methods	Brush, roller or airless spray
Coverage	Theoretical: 10.0 - 13.3 m ² /liter (30 - 40 microns DFT)
Dilution	Not more than 10% of clean water if required Roller & brush - 10% maximum Airless Spray - 5% maximum
Spray Application	<u>Airless Spray</u> Delivery Pressure (kg/cm²) 120 - 150 Tip size at 60° angle 0.017" Dilution 5% maximum
Recommended Painting System	- 1 - 2 coats WEATHERBOND SKIMCOAT - 1 coat WEATHERBOND SEALER or WEATHERBOND FLEX SEALER - 2 coats WEATHERBOND
Recommended Film Thickness per coat	30 - 40 microns DFT (Dry Film Thickness) 75 - 100 microns WFT (Wet Film Thickness)
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	18 Liters Containers
Volume Solid (%)	40 ± 2
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.

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	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	<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>

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