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PRODUCT DATA SHEET

WEATHERBOND PLUS

Description	A high-performance water-based paint that possesses superior exterior durability with good water proofing and long lasting colour.
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 - 12 years colour performance - Good washability and water proofing - Excellent to Alkaline & Efflorescence properties - Good dirt pick up resistance - Excellent resistance to fungus and algae growth - 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
APPLICATION DATA	
Surface Preparation	Surface must be clean, dry, and stable. **Suggested Treatment:** 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. Old Paint/Plaster/Skimcoat: 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. 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 WEATHERBOND SKIMCOAT or NIPPON EXTERIOR PUTTY - 1 coat VINILEX 5100 WALL SEALER - 2 coats WEATHERBOND 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	5 Liters & 15 Liters
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 10ºC 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.*