

PRODUCT DATA SHEET

WEATHERBOND FLEX

Description	WEATHERBOND FLEX is a water based Acrylic Polymer Rubber-based Elastic Coating with the following properties: - Cover hairline cracks - Good water-proofing, thus preventing water penetration into concrete which will corrode the reinforced steel bar inside the concrete - Solar reflective property
Type	Acrylic Polymer Rubber-based Elastic Coating
Uses	A premium high performance coating for the protection of exterior surfaces such as: - Cement plasters - Concrete - Brickworks...
Finish	Low sheen Colour: Wide range of decorative colours as per colour card. Special colours on request.
Features	- Excellent weathering resistance - Elastic - cover hairline cracks (Require minimum dry film thickness at 140μ) - Excellent long-lasting color, especially with Colour Care Technology. Please refer to The Professional's Palette color chart or technical advice from Nippon Paint - Excellent water - proofing on vertical wall - Excellent resistance to fungus and algae growth - Excellent Washability - Excellent to Alkaline & Efflorescence properties - Good adhesion on wide range of substrate - Easy to apply - Smooth appearance with beautiful soft sheen finish - 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>

NIPPON PAINT (VIETNAM) CO., LTD

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	<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, powder 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 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: 5.0 - 7.5 m ² /liter (60 - 90 microns DFT)								
Dilution	Not more than 10% if required. For better result, we recommended not dilute for best performance. <table> <tr> <td>Roller & brush</td><td>- 10% maximum</td></tr> <tr> <td>Airless Spray</td><td>- 5% maximum</td></tr> </table>	Roller & brush	- 10% maximum	Airless Spray	- 5% maximum				
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Spray Application	<table> <tr> <td></td><td><u>Airless Spray</u></td></tr> <tr> <td>Delivery Pressure (kg/cm²)</td><td>120 - 150</td></tr> <tr> <td>Tip size at 60° angle</td><td>0.017"</td></tr> <tr> <td>Dilution</td><td>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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Recommended Painting System	- 1 - 2 coats WEATHERBOND SKIMCOAT - 1 coat WEATHERBOND SEALER or WEATHERBOND FLEX SEALER - 2 coats WEATHERBOND FLEX For severe hairline crack, an additional coat of WEATHERBOND FLEX is highly recommended.								
Recommended Film Thickness per coat	60 - 90 microns DFT (Dry Film Thickness) 113 - 200 microns WFT (Wet Film Thickness)								
Drying Time	Surface dry: 1 hour at 30°C								
Overcoating Time	4 hours based on normal conditions at 30°C At 60 Microns DFT 6 hours based on normal conditions at 30°C At 90 Microns DFT								
Post Treatment	As the paint film is elastic, masking tapes used to protect surfaces not to be painted, e.g.								

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	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 (%)	45 ± 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. 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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