

## PRODUCT DATA SHEET

### WEATHERBOND SEALER

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Description</b>         | WEATHERBOND SEALER is based on latest Nano technology containing a superior nanocomposite binder specially formulated for external masonry surfaces. It forms a multi Titanium laminar film that prevents efflorescence and degradation of finishing coats caused by strong cement alkali.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Type</b>                | Modified Acrylic Nano Polymer Emulsion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Uses</b>                | As sealer used for exterior surfaces such as:<br>- Cement plasters                      - Concrete                      - Brickworks ...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Finish</b>              | Sheen<br>Colour: Standard White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Features</b>            | <ul style="list-style-type: none"> <li>- Excellent alkali resistance</li> <li>- Excellent efflorescence resistance to prevent discolouration</li> <li>- Good adhesion on recommended surfaces</li> <li>- Anti-Fungus and Algae resistance property</li> <li>- Easy to use</li> <li>- The product is particularly compatible with the finishing coat of high-end product system specialized for project.</li> <li>- Does not contain Lead, Mercury and heavy metals</li> <li>- Low VOCs (containing &lt; 50g/L VOC, meeting the VOC requirement)</li> <li>- Product is GREENGUARD Gold certified, meeting LEED standards for Green buildings</li> <li>- Comply with National technical regulation QCVN 08:2020/BCT on the limits of Lead content in paints.</li> </ul>  |
| <b>APPLICATION DATA</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Surface Preparation</b> | <p>Surface must be clean, dry, and stable.</p> <p><b><u>Suggested Treatment:</u></b></p> <p><b><u>Moisture:</u></b> High moisture will cause paint defect. Observe the following level prior to painting:<br/>- Masonry: below 16% by Protimeter Mini BLD 2000 Moisture meter<br/>                                         below 60% by Lutron MS-7003 Moisture meter</p> <p>All water seepage must be checked and repaired.</p> <p><b><u>Unstable matter:</u></b> Powder, film, dirt, plaster etc. Remove by high pressure water jet wash or mechanical means such as power brush or scraper whichever is suitable.</p> <p><b><u>Contaminants:</u></b> Dust and foreign matter must be removed by cleaning with damp cloth. Oil</p>                                                                                                                        |

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# WEATHERBOND SEALER

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|                                            | or grease should be removed by solvent cleaning or mild detergent. Allow surface to dry again.<br><br><u>Algae/Fungus:</u> Wash off and treat with ANTI-FUNGUS SOLUTION. Rinse again with clean water and dry.<br><u>Hairline cracks:</u> Fill cracks with solvent-based filler or non-water soluble material.                                                                                                                              |
| <b>Application Methods</b>                 | Brush, roller or airless spray                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Coverage</b>                            | Theoretical: 9.0 – 12.0 m <sup>2</sup> /Liter (30 - 40 microns DFT)                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Dilution</b>                            | Use clean water<br><br>Roller & brush                      - 20% maximum<br>Airless Spray                         - 10% maximum                                                                                                                                                                                                                                                                                                             |
| <b>Spray Application</b>                   | <u>Airless Spray</u><br><br>Delivery Pressure (kg/cm <sup>2</sup> )       120 - 150<br>Tip size at 60° angle             0.017"<br>Dilution                               10% maximum                                                                                                                                                                                                                                                       |
| <b>Recommended Film Thickness per coat</b> | 30 - 40 microns DFT (Dry Film Thickness)<br>83 - 111 microns WFT (Wet Film Thickness)                                                                                                                                                                                                                                                                                                                                                       |
| <b>Drying Time</b>                         | Surface dry: 20 minutes at 30°C                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Overcoating Time</b>                    | 2 hours. Minimum based on normal conditions.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cleaning</b>                            | Wash all equipment immediately after use with clean water                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>                             | Keep containers tightly closed. Store in cool, dry and well-ventilated place at temperature between 5 to 40°C.                                                                                                                                                                                                                                                                                                                              |
| <b>Packing</b>                             | 18 Liters Containers                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Volume Solid (%)</b>                    | 36 ± 2                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Precaution</b>                          | Coverage depends on film thickness, roughness or porosity of the surface, loss during painting, etc.<br><br>The actual drying time and time before recoating may be shorter or longer, depending on film thickness, temperature, ambient humidity, ventilation, etc.<br><br>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. |
| <b>NOTE</b>                                | <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 &amp; Marketing Dept. We reserve the right to modify our product data sheet without further notice.</i>                                                                          |

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