



## PRODUCT DATA SHEET

# HITEX 5180 SEALER

<b>Description</b>	Nippon HITEX 5180 SEALER is solvent based sealer containing a superior resin/binder with additives. It is excellent in preventing the degradation of finishing coats from attack by strong alkali cement. It is specially designed for long-term performance in external conditions.
<b>Type</b>	An air-dry single pack solvent-borne sealer based on Reactive Acrylic Resin Polymer
<b>Uses</b>	As sealer used for exterior surfaces such as: - Cement plasters                      - Concrete                      - Brickworks
<b>Finish</b>	Sheen Colour: Standard White
<b>Features</b>	<ul style="list-style-type: none"> <li>- Outstanding alkali resistance</li> <li>- Excellent efflorescence resistance to prevent discolouration</li> <li>- Good penetration for excellent adhesion</li> <li>- Able to prevent resurfacing of stain mark on problem substrates</li> <li>- Good inter coat adhesion for finishing coat</li> <li>- Fungus &amp; algae resistance</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:          - Masonry : below 6% by Sovereign 1150 Moisture meter                        below 16% by Protimeter Mini BLD 2000 Moisture meter                        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 or grease should be removed by solvent cleaning or mild detergent. Allow surface to dry again.</p> <p><b><u>Algae/Fungus:</u></b> Wash off and treat with NIPPON ANTI-FUNGUS SOLUTION. Rinse again with clean water and dry.</p>

## NIPPON PAINT (VIETNAM) CO., LTD

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	<u>Hairline cracks</u> : Fill cracks with solvent-based filler or non-water soluble material.
<b>Application Methods</b>	Brush, roller or air spray
<b>Paint Consumption</b>	Theoretical: 12.7 m <sup>2</sup> /liter ( 30 microns DFT)
<b>Dilution</b>	Solvent – NIPPON HITEX 5180 THINNER Roller & brush - 20% maximum Air Spray - 20 – 30%
<b>Spray Application</b>	<u>Air Spray</u> Delivery Pressure (kg/cm <sup>2</sup> ) 3 - 4 Tip size at 60° angle 1.3mm Dilution 20 to 30%
<b>Recommended Film Thickness</b>	30 microns DFT (Dry Film Thickness) per coat for standard application
<b>Drying Time</b>	Surface dry - 20 minutes at 30°C
<b>Overcoating Time</b>	4 hours. Minimum
<b>Cleaning</b>	Wash all equipment immediately after use with NIPPON HITEX 5180 THINNER
<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>	5 Liters & 20 Liters
<b>Precaution</b>	Avoid painting when the temperature is below 10°C and the humidity is over 85%. Avoid directly contacting with sensitive skin. Use appropriate protective equipment. It contains volatile and flammable solvents. Ensure adequate ventilation during use. Avoid naked flame, welding operations and fire.
<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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