Version No.: 5
Updated Date: 03.11.25

PRODUCT DATA SHEET

WP 200

Description	WP 200 is an excellent water-proofing paint for exterior application. It protects your wall from water penetration from the applied side for vertical surfaces. Paint film has very good efflorescence & fungus resistance. Product that does not require mixing with cement and easy to apply.
Type	Modified Nano Acrylic Emulsion
Uses	Premium grade emulsion with water proofing and excellent protection for all exterior masonry surfaces such as: - Cement plasters - Concrete …
Finish	Sheen Colour: Light grey, Dark grey & Yellow
Features	- Excellent water-proofing property - Excellent Alkaline & Efflorescence properties - High elasticity, the paint film can cover hairline crack at 150 microns dry film thickness. - Good resistance to algae growth - Good adhesion on stable substrates - Easy to apply - Non-toxic, does not contain Lead, Mercury and heavy metals - Low VOCs (containing < 50g/L VOC, meeting the VOC requirement) - 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:</u> Unstable old film / substrate should be removed by chisel, scraper, power grinder whichever is appropriate. <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

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	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: 7.0 m^2/ Kg (At 50 µm DFT)
Dilution	No dilution needed.
Spray Application	Airless Spray Delivery Pressure (kg/cm^2) 120 - 150 Tip size at 60º angle 0.017'' Dilution 5% maximum
Recommended Painting System	2 coats WP 200
Recommended Film Thickness per coat	50 – 60 microns DFT (Dry Film Thickness) per coat for standard application
Drying Time	Surface dry: 30 minutes at 30ºC
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 after painting.
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	6 Kgs & 20 Kgs Containers
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 directly contacting 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.*

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