

PRODUCT DATA SHEET

SUPERGARD

Description	SUPERGARD is special formulated environmentally friendly emulsion to resist cement alkali material on exterior masonry surfaces. It has excellent anti-algae property. It achieves good weathering resistance with good coverage and is easy to use.
Type	Modified Acrylic Emulsion
Uses	Coating for exterior surfaces such as: - Cement plasters - Concrete - Brickworks ...
Finish	Matt Colour: Wide range of colours as per colour card. Special colours on request.
Features	- Good weathering resistance - Excellent to Alkaline & Efflorescence properties - Anti-fungus / algae property - High opacity for good coverage and easy application - Washable with water and/or mild detergents - APEO free and Environment green friendly product - Does not contain Lead, Mercury and heavy metals - Low VOCs - 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/Skimcoat:</u> Unstable old film / substrate should be removed by chisel, scraper, power 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 -
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NIPPON PAINT (VIETNAM) CO., LTD

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www.nipponpaint.com

SUPERGARD

	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
Paint Consumption	Theoretical: 9.7 - 12.9 m ² /liter (30 - 40 microns DFT)
Dilution	Not more than 20% with clean water if required Roller & brush - 20% maximum Airless Spray - 10% maximum
Spray Application	<u>Airless Spray</u> Delivery Pressure (kg/cm ²) 120 - 150 Tip size at 60° angle 0.017" Dilution 10% maximum
Recommended Painting System	- 1 - 2 coats NIPPON EXTERIOR PUTTY - 1 coat WEATHERGARD SEALER - 2 coats SUPERGARD
Recommended Film Thickness per coat	30 – 40 microns DFT (Dry Film Thickness per coat for standard application)
Drying Time	Surface dry: 10 minutes at 30°C
Overcoating Time	2 hours. Minimum based on normal conditions.
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	5 Liters & 18 Liters 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 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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