



LAB/SPEC/07-007
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TECHNICAL SPECIFICATION

NIPPON VINILEX 5000 LOW ODOUR

- Description** : Smooth and gentle emulsion finish to enhance the sophisticated image of all modern homes. It has a full range of fresh, vibrant, washable and long lasting colours.
- Type** : A modified Acrylic Polymer Emulsion. Premium Grade.
- Colour** : Wide range of attractive colours. Special colours on request.
- Finish** : Matt
- Uses** : Decorative and protective coat for internal surfaces eg.
- Plastered walls
 - Soft Boards
 - Gypsum
 - Primed timber
 - Primed metal
 - Brickwork
 - Fibre boards
- Features** :
- Low Odour
 - Resists fading and chalking by cement alkali
 - Good coverage because of high opacity for easy application
 - Good adhesion. A special combination of different particle size emulsion that results in better penetration and adhesion
 - Anti-fungus property. Effective control against mildew growth.

APPLICATION DATA

- Method** : Roller, brush, air and airless spray
- Theoretical Coverage** : 13 m² / litre (30 microns DFT)
- Dilution** :
- | | | |
|-------------------------|---|----------|
| Dilute with clean water | | |
| Brush | - | 10% max |
| Roller | - | 10% max |
| Air Spray | - | 10 ~ 20% |
| Airless Spray | - | 10% max |
- Dilute to only improve workability
- Surface Preparation** : Surface must be clean, dry and stable prior to painting
- Suggested Treatment
- (i) Dirt/Powder
Clean with damp cloth
Mild detergent may be used. For powdery surface, a coat of NIPPON VINILEX 5170 WALL SEALER should be applied.
 - (ii) Paint
Remove unstable old film by scraper, whichever is appropriate.

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- Surface Preparation** :
- (iii) Plaster
Remove by chisel, scraper, power grinder etc. Replaster to a stable surface with an approved mortar mixture.
 - (iv) Moisture
High moisture causes paint defect. Observe the following level prior to painting:
Masonry - below 6 %
Wood - below 10 %
All water seepage must be rectified before painting.
 - (v) Fungus
Remove by scrubbing and treat with NIPPON ANTI-FUNGUS SOLUTION. Rinse again with clean water and dry.
 - (vi) Oil/Grease
Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

Spray Application	:	<u>Airless</u>
	:	Delivery Pressure(kg/cm ²) 120-150
	:	Tip size 0.017"
	:	Dilution 0 ~ 10%

Drying Time : Touch Dry - 30 minutes at 30 °C

Overcoating Time : 2 hours minimum in normal conditions

Cleaning : Clean all equipment immediately with clean water.

GENERAL INFORMATION

Solid Content : 56 ± 2% by weight (based on white)

Specific Gravity : 1.43 ± 0.03 kg/litre

Packing : 1 litre & 5 litres

Storage : Store in a tightly sealed container in a cool dry place.

Shelf Life : Up to 18 months in a tightly sealed container.

Precaution : Avoid direct contact with sensitive skin. Use appropriate protective equipment.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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