



10/02/0005/01

TECHNICAL SPECIFICATION

NIPPON VINILEX 5170 WALL SEALER

Description	:	NIPPON VINILEX 5170 OIL-BASED WALL SEALER contains a superior resin/binder, effective in preventing the degradation of finishing coats by alkaline surfaces. It contains a blend of solvents that enables it to penetrate deeply and gives a firm base for subsequent coats.
Type	:	An air-dry single pack solvent-borne primer based on Cyclicised Rubber and Synthetic Resin.
Finish	:	Matt
Colour	:	White
Uses	:	As a sealer for internal and external masonry. <ul style="list-style-type: none"> • Cement plaster • Brickwork • Soft boards • Gypsum • Concrete • Timber
Features	:	<ul style="list-style-type: none"> • Excellent alkaline resistance • Efflorescence resistance to prevent discolouration • Good adhesion on masonry substrates • Able to prevent resurfacing of stain marks on problem substrates • Anti-fungus and algae resistance property

APPLICATION DATA

Method	:	Roller, brush and air spray										
Theoretical Coverage	:	16 m ² /litre (based on 30 microns DFT)										
Dilution	:	Solvent-NIPPON BODELAC 9000 GENERAL PURPOSE REDUCER Brush-20% max. Roller-20% max. Air spray- 10 ~ 20% or NK2 Cup 18 to 25 seconds										
Spray Application	:	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center;"><u>Air</u></td> </tr> <tr> <td>Delivery Pressure (kg/cm²)</td> <td style="text-align: center;">3 ~ 4</td> </tr> <tr> <td>Tip size 60° angle</td> <td style="text-align: center;">1.3mm</td> </tr> <tr> <td style="padding-left: 40px;">70° angle</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Dilution</td> <td style="text-align: center;">10 ~ 20%</td> </tr> </table>		<u>Air</u>	Delivery Pressure (kg/cm ²)	3 ~ 4	Tip size 60° angle	1.3mm	70° angle	-	Dilution	10 ~ 20%
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Surface Preparation	:	Ensure surface is dry, clean and stable by the following treatment: <u>Suggested Surface Treatments</u>										

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- (i) Moisture
High moisture causes paint defect.
Observe the following level prior to painting:
Masonry - below 6%
Wood - below 10%
- (ii) Unstable Matter
Powder, film, dirt, plaster etc. Remove by high-pressure water jet wash (min 1000 psi) or mechanical means such as power brush or scraper whichever is suitable.
- (iii) Contaminants
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. External high-pressure water jet wash may be used.
- (iv) Fungus
Wash off and treat with NIPPON ANTI-FUNGUS SOLUTION.
Rinse again with clean water and dry.
- (v) Hairline Cracks
Fill cracks with solvent-based filler or non-soluble water-borne type.

Drying Time	:	Surface dry – 20 minutes at 30 °C
Overcoating Time	:	5 hours in normal conditions
Cleaning	:	All equipment should be cleaned with Nippon Bodelac 9000 General Purpose Reducer immediately after use.

GENERAL INFORMATION

Solid Content	:	71.0 ± 2% by weight
Specific Gravity	:	1.47 ± 0.03 kg/litre
Flashpoint	:	35 °C
Packing	:	1 litre, 5 litres and 20 litres
Precaution	:	It contains volatile and flammable solvents. Ensure adequate ventilation during use. Avoid naked flame, welding operations and fire. Take precautions to avoid skin contact and inhalation of spray mist ie. Use gloves, facemasks, barrier creams, etc.
Storage	:	Store in a tightly sealed container in a cool dry place.
Shelf Life	:	Up to 18 months in a tightly sealed container.

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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