



20/02/0006/01

TECHNICAL SPECIFICATION

NIPPON VINILEX 120 ACTIVE PRIMER

- Description** : A matt primer that is necessary to ensure good adhesion on all non-ferrous metals. Widely used by both Manufacturing and Heavy Duty Protection concerns.
- Type** : 2-Pack Poly-Vinyl Butyral Resin
- Colour** : Olive Green or Yellow (NIPPON VINILEX 110 ACTIVE PRIMER)
- Finish** : Matt
- Uses** : As a pre-treatment for light metals and alloys such as:
- Galvanized metal
 - Aluminium
 - Copper
 - Brass/Bronze
 - Tin
- It can also be coated on iron and steel surfaces.
- Features** :
- Quick-dry for short recoating convenience
 - High coverage, requires only a thin coat.
 - Economical to use.
 - Anti-corrosive property for short term protection
 - Weather resistant
 - Excellent adhesion on all metals.

APPLICATION DATA

- Method** : Roller, brush, air and airless spray.
- Note** : **TWO PACK SYSTEM – THE HARDENER AND THE BASE MUST BE THOROUGHLY MIXED IN THE CORRECT RATIO BEFORE USE.**
- Theoretical Coverage** : 7 m²/litre (15 microns DFT)
- Dilution** : Use NIPPON VINILEX 120 ACTIVE PRIMER REDUCER
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|---------------|-----------------------------------|
| Brush | - 10% max. |
| Roller | - 10% max. |
| Air Spray | - 10% ~ 20 % or 15-24 sec.NK2 Cup |
| Airless Spray | - 5% ~ 10 % |
- Dilution should be done after the addition of hardener.
- Surface Preparation** : Surface must be
- Actual bare metal (no coating)
 - Clean
 - Dry

NIPPON VINILEX 120 ACTIVE PRIMER

- Grease and oil free
- Free from all foreign matter
- Sand Blast to SA 2.5 Swedish Std. for heavy duty service ferrous metals only

Spray	:		<u>Air</u>	<u>Airless</u>
Application	:	Delivery Pressure (kg/cm ²)	4	140-170
		Tip Size 60° angle	1.3mm	0.015"
		70° angle	-	0.017"
		Dilution	10 ~ 20%	5-10%
Drying Time	:	Touch Dry – 10 minutes at 30 °C		
Overcoating Time	:	Minimum 1 hour for any conventional coating. Whereas for heavy coating, minimum 4 hours.		
Curing Time	:	5 –7 days at 20 – 30 °C		
Pot Life	:	Remains usable up to 18 hrs at 30 °C. Higher temperature will shorten pot life.		
Cleaning	:	All equipment must immediately be cleaned after use. Use NIPPON VINILEX 120 ACTIVE PRIMER REDUCER.		

GENERAL INFORMATION

Solid Content	:	20.0 ± 2.0 by weight	
Specific Gravity	:	0.91 ± 0.03 kg/litre	
No. of Components	:	2	
Mixing Ratio	:	Base	4 parts by volume
		Hardener	1 part by volume
Flashpoint	:	5 °C	
Packing	:	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	:	It contains volatile and flammable solvents. Ensure adequate ventilation and avoid naked flame. Avoid direct contact with sensitive skin by appropriate protective equipment. As the hardener is an acid, do not use metal container for mixing, as it is susceptible to attack by acid. Only plastic container should be used for mixing.	

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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