

TECHNICAL DATA SHEET FOR

NIPPON AQUA PRIMER SEALER UNDERCOAT

DESCRIPTION	:	Nippon Aqua Primer Sealer Undercoat is a water-based one step pre-coat formulated with special acrylic polymer for good adhesion on multi-purpose substrates
TYPE	:	Acrylic emulsion
COLOUR	:	White
FINISH	:	Matt
USES	:	Used as a multi-substrate sealer for both interior and exterior surfaces such as masonry walls, ceilings, wood, metal and plastic Application surfaces include: <ul style="list-style-type: none">• Concrete and fiber board• Wooden doors, windows, furniture• Ferrous metal such as fences, piping and metal sheets• Plastic such as uPVC and PVC
FEATURES	:	<ul style="list-style-type: none">• Alkaline and efflorescence resistance• Non-toxic, does not contain lead, chrome and other heavy metals• Quick drying time• Good tannin stain resistance• Good coverage and hiding power• Good adhesion• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme
APPLICATION DATA		
METHOD	:	Roller or brush
THEORETICAL COVERAGE	:	Approximately 10 – 11 m ² / litre (30 μ DFT / coat) depending on surface texture, substrate porosity and method of application
DILUTION	:	No dilution is necessary for best performance
SURFACE PREPARATION	:	<ul style="list-style-type: none">• New or unpainted interior and exterior masonry surfaces :<ol style="list-style-type: none">a) Remove all imperfections and sand down for an even surfaceb) Remove dust, contaminants or foreign matter with damp clothc) Allow surface to dry

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- **Previously painted interior and exterior masonry surfaces :**
 - a) Remove any loose, peeling or flaking paint using scrapper or water jet wash whichever is suitable
 - b) Repair any imperfections. Fill cracks with suitable water-resistant putty or filler and sand down to an even surface
 - c) Remove dust, contaminants or foreign matter with damp cloth
 - d) Remove oil or grease by solvent cleaning or mild detergent. Allow surface to dry
 - e) If fungus, moss or mould is visible, use Nippon Anti-Fungus Solution to treat the affected surface. Leave solution for at least 2 hours
 - f) Ensure that the previously painted surface is sound
 - g) If surface has a high gloss or semi-gloss finish, sand to remove the high gloss to enable the new paint to adhere

- **New or unpainted dressed or raw exterior timber :**
 - a) Remove all imperfections and sand for a smooth surface
 - b) Fill nail holes with a suitable, exterior grade water-resistant wood filler
 - c) Remove dust and contaminants

- **Metal surfaces :**
 - a) Thoroughly degrease and clean new metal surfaces (e.g. galvanized iron) to remove oil or other contaminants using suitable cleaning solvent
 - b) Allow to dry

For other metal surfaces which has rusted (e.g. mild steel), clean with abrasive cloth to remove rust. Do not use steel wool. Use suitable cleaning solvent to remove traces of impurities and contaminants before applying a coat of suitable primer. Under non-aggressive indoor conditions, the product can be used directly on clean metal surfaces. Otherwise, apply a coat of Crystalux A/C Primer on the well-prepared surfaces

- **Plastic surfaces :**
 - a) Thoroughly degrease and clean new surfaces to remove oil or other contaminants using suitable cleaning agent
 - b) Allow to dry

DRYING TIME : Surface dry - 30 minutes at 30 °C
 Hard dry - 2 hours at 30 °C

OVERCOATING TIME : 2 hours under normal conditions

RECOMMENDED PAINTING SYSTEM :

- 1 coat Nippon Aqua Primer Sealer Undercoat
- 2 coats Nippon Aqua Bodelac finish coat or any suitable water-based topcoat

CLEANING : All equipments should be cleaned with water immediately after use

NIPPON AQUA PRIMER SEALER UNDERCOAT**GENERAL INFORMATION**

SOLID CONTENT	:	58.0 ± 2.0 % by weight (based on white colour)
SPECIFIC GRAVITY	:	1.38 ± 2.0 % kg / litre (based on white colour)
PACKING	:	5 litres
STORAGE	:	Store in a tightly sealed container in a cool, dry place
SHELF LIFE	:	Up to 24 months in a tightly sealed container
PRECAUTION	:	Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment

Refer to the product Safety Data Sheet for more information

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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