
TECHNICAL SPECIFICATION

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 the following excellent properties:
- Alkali and efflorescence resistance
 - For interior and exterior application on masonry substrates, timber and metal surfaces.
 - Quick drying
- Type : Acrylic Emulsion
- Colour : White
- Uses : On exterior and interior walls, ceilings and trim.
- Features :
 - Excellent penetration on porous substrates
 - Physical barrier to water transport
 - Chemical barrier to salt migration
 - Excellent alkaline and efflorescence resistance
 - Quick drying time
 - Good hiding against tannin stain on timber
 - Non-Toxic
 - Excellent coverage and hiding power
 - Excellent adhesion on most surfaces

APPLICATION GUIDE

- Coverage : Up to 13m²/litre (based on 30μ Dry Film Thickness/coat) depending on surface texture, substrate porosity and method of application.
- Surface Preparation : New or Unpainted Interior Timber
- a) Remove all imperfections and sand for a smooth surface.
 - b) Dust off
- Interior Previously Painted Surfaces
- a) Wash down with cleaning agent such as detergent soap and rinse with clean water to remove any dirt, oil or grease.
 - b) Scrape any cracks and fill holes with suitable filler.
 - c) Remove any loose, peeling or flaking paint and sand to a smooth even surface.
 - d) If surface has a gloss or semi-gloss finish, sand to remove the high gloss to enable new paint to adhere.
 - e) Remove any dust

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Exterior Previously Painted Surfaces

- a) Ensure that the previous painted surface is sound.
- b) Check and remove any flaking or peeling areas.
- c) Fill cracks or nail heads with exterior filler.
- d) Remove any dust, dirt, oil or grease.
- e) If surface has a high gloss or semi-gloss finish, sand to remove the high gloss to enable the new paint to adhere
- f) Remove dust.

New or Unpainted Dressed or Raw Exterior Timber

- a) Remove all imperfections and sand for a smooth surface.
- b) Fill nail holes with a flexible, exterior grade wood filler.
- c) Remove dust and any grit

Cement, Fibrocement sheet or Brick

- a) Repair any imperfections and fill holes with grouting cement.
- b) Wash down with water and using a stiff brush, remove all loose material.
- c) If moss or mould is visible, add a bleach solution to the water and then hose down.

Metal surfaces

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

Do not use on powdery or chalky surfaces such as set plaster. New cement substrate must be allowed to cure for 28 days before painting.

Recommended Painting System	:	1 coat Nippon Aqua Primer Sealer Undercoat 2 coats Nippon Aqua Bodelac finish coat or suitable waterbased topcoat
Application Method	:	Roller or brush
Dilution	:	Paint is formulated as 'ready-to-use' and is not recommended to have water added for best performance.
Drying Time	:	Touch Dry - 30 minutes at 25°C. Under cooler or humid conditions, allow longer drying times.
Overcoating Time	:	2 hours at 25°

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Recommended Painting Conditions and Temperature : Application should not be carried out if the temperature is below 10°C or above 35°C. Temperature must be above 10°C during drying.

INSTRUCTIONS FOR USE

- Stir contents thoroughly using a broad flat paddle using a scooping action until paint is consistent
- Ensure brushes and rollers are slightly damp with water before use
- Clean all equipment thoroughly with water
- Keep lid on cans

SAFETY DATA

Safety Data Sheet : Safety Data Sheet is available upon request.

Caution : Provide adequate ventilation during use.
Use appropriate protective equipment.
All paint should be kept out of reach of children.

Spills and Disposal : Do not allow paint to enter drains or other watercourses.
Unwanted paint is to be brushed out on newspaper and allowed to dry before disposal via commercial waste collectors.

First Aid : If swallowed, drink plenty of water. Do not induce vomiting.
If in contact with the eye, rinse with running water and seek medical advice if irritation persists.
If in contact with skin, wash skin thoroughly with soap and water.

ADDITIONAL INFORMATION

Solid Content : Above 50% by weight

Specific Gravity : 1.3 ± 0.03 kg/litre (based on white)

Packing : 1 litre

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

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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