

## General Description

Nippon Paint Tsuya Ichiban Water-based Top Coat is an acrylic emulsion paint with gloss / low gloss finish and low VOC. With properties of excellent hiding power, chemical resistance, weathering resistance, water resistance, fungus resistance and washable property, it gives ideal performances and protections for exteriors and interiors.

## Features

- Low VOC
- Hard and durable
- Excellent leveling
- Excellent hiding power
- Good adhesion
- Washable
- Alkali resistance
- Fungus resistance
- Water resistance
- Excellent weathering resistance

## Recommended For

- Interior and exterior masonry surfaces
  - Industrial buildings
  - Residential buildings
  - Commercial building
  - Car parks
  - Pump stations
  - CLP rooms

## General Information

Colour:	(White and standard colours as per colour card for gloss), (White, standard colours as per colour card and Nippon Paint 1988 colour creations for low gloss)	Drying time: (at 20°C)	Touch dry: 15 mins Dust free: 30 mins
Type:	Pure acrylic emulsion	Overcoat Time: (at 20°C)	≥ 4 hrs
Finishes:	Gloss / Low gloss	Full Curing (at 25 °C)	7 days
Application Method:	Roller / Brush / Airless spray	Specific Gravity: (at 25°C)	1.24 ± 2% (White only)
Theoretical Coverage:	0.15 kg/m <sup>2</sup> /coat	Solid Content: (by volume)	50 %
Dilution:	5-10% clean water	Packing:	5 kg / 16kg
Dry Film Thickness:	30µm	Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

# Nippon Paint Super Tsuya Ichiban Water-based Top Coat

## Technical Data

Test	Test Method	Result
VOC Content (g/L)	USEPA Method 24	<50
Formaldehyde (mg/kg)	GB 18582-2008	ND
Heavy Metal - Lead (mg/kg)	GB 18582-2008	ND
Heavy Metal - Cadmium (mg/kg)	GB 18582-2008	ND
Heavy Metal - Chromium (mg/kg)	GB 18582-2008	ND
Heavy Metal - Mercury (mg/kg)	GB 18582-2008	ND
Preliminary Examination of Paint	BS 3900 : A2 :1993	No Surface skin, gelling, colour separation, visible impurities or hard settling.
Fineness of grind (µm)	BS 3900 : C6 :1983	25
High Power (Contrast Ratio%)	BS 3900 : D4 :1974 (1989)	89
Viscosity (KU)	ASTM D562-81 (Reapproved 1997) Procedure B	76
Scrub Resistance (Cycle)	ASTM D2486-96	1507

\*ND = Not Detected

### Recommended Painting System

Sealer/Primer: One coat of Vinilex 5101 Wall Sealer (Internal)  
: One coat of Ultra Sealer III (External)  
Top Coat: Two coats of Tsuya Ichiban Water-based Top Coat

Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution

Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

### Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder: High-pressure wash (External). Clean with damp cloth (Internal). Mild detergent may be used.

Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.

Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.

Moisture: High moisture causes paint defect. The moisture content of substrate should be less than 6% or 19 determined by Protimeter. All water seepage must be checked and rectified.

pH Value: pH value should be less than 10.

❖ **Ensure fresh air ingress while applying and before dry done**

❖ **High humidity and cool temperature will result in longer drying time**

### Limitations

Avoid painting when the temperature is below 5°C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

### Clean Up

Wash painting tools with water immediately after use

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## **Safety Information**

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

## **Flash Point and Ignition Point**

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

For further enquiries, please call:

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