



NIPPON 3-IN-1 *Internal Emulsion*

Product Description:

Nippon 3-IN-1 is an acrylic elastomeric paint specially formulated to decorate interior surfaces. It is the paint that provides the following properties :-

- Excellent washability – allows easy removal of dirt and stains on walls.
- Covers hairline cracks.
- Water-proof, preventing water penetration into concrete which will corrode the concrete. It is not for water proofing to any areas where there is a water leakage.

Recommended Uses:

For the decoration and protection of interior walls.

Composition:

| | |
|-----------------|--|
| Pigments | : Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender |
| Binder | : Elastomeric Acrylic Emulsion |
| Thinner | : Water |

Properties:

| | |
|-------------------|---|
| Colour | : A wide range of colours. Please refer to colour card. |
| Appearance | : Mid Sheen |

| | |
|---|--|
| Recommended no. of coats | : 2 coats |
| Recommended Dry Film Thickness Per Coat | : Around 50 µm (Dependent of the substrate condition) |
| Drying Time | |
| Touch Dry | : Dependent on temperature and humidity. |
| Hard Dry | : Approximately 1 day, dependent on temperature and humidity. |
| Recoating Interval | : 6 hours |
| Theoretical Coverage at Recommended Dry Film Thickness | : 6m ² per litre per coat (Actual coverage is dependent on substrate condition.) * |

Application Methods:

- 1) **Brush / Roller** : By brush or roller.
- 2) **Dilution** : Not recommended for best performance.
- Clean Up** : Clean up equipment with water immediately after use.

Surface Preparation:

Remove all loose, defective paint or powdery residues. Repair cracks, uneven surfaces with Nippon ACS Putty or suitable fillers. Smoothen the putty / filler areas with sandpaper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the wall to be below pH9.)

Previously Painted Surfaces

Remove all unstable paint film, loose chalk, dust and foreign matter. Make good any surface defects, clean off and dry. Spot prime with NIPPON VINILEX 5200 WALL SEALER.

Recommended Paint System

Type of Substrate:

FOR MASONRY

| Sequence | Product Name | No. of Coats |
|----------|--|--------------|
| Sealer | NIPPON VINILEX 5200 WALL SEALER / NIPPON ACRYLIC 5170 WALL SEALER / NIPPON HI-BOND WALL SEALER | 1 |
| Finish | NIPPON 3-IN-1 | 2 |

Post Treatment

As the dry paint film is elastic, masking tapes used to protect surfaces not to be painted eg. door and window frame, should be removed with a knife or cutter.

Standard Packing : 5 litres

Safety, Health and Environmental Information:

Keep container tightly closed and keep out of reach of children or away from food and drink.
Ensure good ventilation during application and drying.
When applying paint, it is advisable to wear eye protection.
In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
Remove splashes from skin by using soap or water.
Paint must always be stored in a cool place.
When transporting paint, care must be taken. Always keep container in a secure upright position.
Dispose off any paint waste in accordance with the appropriate Environmental Quality Regulations.

Note:

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{\text{Volume Solid \% x 10}}{\text{Dry Film Thickness}} \right] = \text{m}^2 / \text{lit} / \text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.

However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given data without prior notice.