



NIPPON HI-BOND WALL SEALER

For Chalky and Powdery Surfaces

Product Description:

Nippon Hi-Bond Wall Sealer is a styrene acrylate copolymer solvent based wall sealer. It is specifically formulated for painting directly on difficult surfaces such as skimcoat interior walls and plaster ceilings to enhance intercoat bonding for the finishing topcoat.

Recommended Uses:

Nippon Hi-Bond Wall Sealer is specially for use on interior skimcoat walls and plaster ceilings.

Product Features :

- Good depth of penetration to enhance adhesion for subsequent topcoat
- Good mild alkali and efflorescence resistance
- Low odour during and after application
- Fast dry for quick recoating interval

Composition:

Pigments : Titanium Dioxide and Mineral Extenders
Binder : Styrene Acrylate Copolymer
Thinner : Dearomatised Hydrocarbon

Properties:

Colour : White
Appearance : Sheen

Recommended no. of coats : 1 coat

Recommended Dry Film Thickness Per Coat : 35 – 40 μm

Drying Time
Touch Dry : 15 minutes (Dependent on temperature and humidity.)
Hard Dry : 1 hour

Recoating Interval : Minimum 2 hours.
(Dependent on temperature and humidity.)

Theoretical Coverage at Recommended Dry Film Thickness : 11 m^2 per litre
(Actual coverage is dependent on substrate condition.) *

Application Methods:

- 1) Brush / Roller** : The paint is ready for use after thorough stirring. If thinning is necessary, not more than 5% Nippon Odourlite Thinner may be added.
- 2) Conventional Air Spray** : The paint is ready for use after thorough stirring. If thinning is necessary, not more than 5% Nippon Odourlite Thinner may be added.

Clean Up : Clean up equipment with thinner immediately after use.

Surface Preparation:

Remove all loose, defective paint or powdery residue. 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 is 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 pH 9.)

Previously Painted Surfaces

Remove all loose materials, unstable paint film, grease, etc. Treat any algae and fungus affected areas with Nippon Fungicidal Wash. Leave this overnight, then wash with clean water. Dry the surface thoroughly before painting.

Recommended Paint System

FOR EMULSION PAINT

Sequence	Product Name	No. of Coats
Sealer	NIPPON HI-BOND WALL SEALER	1
Finish	NIPPON SATIN GLO / NIPPON 3-IN-1 / NIPPON VINILEX FRESH ANTI-BACTERIAL EMULSION / NIPPON ODOUR-LESS PREMIUM ALL-IN-1 / NIPPON SUPER MATEX / NIPPON ODOURLESS CEILING WHITE /	2

Standard Packing : 5 litres, 20 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.