



NIPPON ODOUR-LESS AIRCARE *Internal Emulsion*

Product Description:

Nippon Odour-less AirCare is an anti-formaldehyde interior emulsion that helps create a safer and more hygienic indoor environment. This breakthrough product contains Anti-Formaldehyde with Active Carbon Technology that continually absorbs harmful free formaldehyde from the air into and converts into water vapour, resulting in clean fresh air. Besides having ultra low VOCs and odour, this environmentally friendly paint has superior washability properties, anti-bacterial properties and does not contain lead and mercury. It is ideal for people who are allergic to formaldehyde and paint odour. Hence it is recommended to be used in eco-sensitive commercial and residential areas such as hospitals, schools, hotels and homes.

Recommended Uses:

Premium green coating for protection of internal masonry surfaces, such as cement, plastered walls, brickwork and fibre boards.
Ideal for use on interior walls of hospitals, schools, offices and residential buildings.

Product Features :

- Absorb harmful formaldehyde and
- Ultra-low VOCs
- Near zero VOC during application and after painting.
- Ammonia-free
- Non-toxic, does not contain lead, mercury and heavy metals.
- Excellent stain washability.
- Dry film Anti bacterial property toward E-coli, MRSA and Staphylococcus Aureus
- Anti fungus
- Long lasting colours
- Easy application
- Less splattering
- Easy touch-up
- Excellent flow which helps to minimise minor surface imperfections
- Excellent coverage and hiding power
- Excellent adhesion
- Excellent colour durability
- Environmentally friendly paint

Composition:

Pigments	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black and Organic Pigments and Mineral Extender
Binder	: Pure Acrylic Polymer Emulsion for interior use
Thinner	: Water

Properties:

Colour	: A wide range of colours. Please refer to colour card.
Appearance	: Eggshell finish

Recommended no. of coats	: 2 coats
Recommended Dry Film Thickness Per Coat	: Around 30 µm (Dependent on the substrate condition)
Dilution	: Max 5% dilution recommended
Drying Time	: Minimum 20 minutes at 30°C (Dependent on temperature and humidity)
Touch Dry	
Hard Dry	: Minimum 1 hours (Dependent on temperature and humidity)
Recoating Interval	: 2 hours minimum based on normal condition
Volume Solid	: □ 40%
Theoretical Coverage at Recommended Dry Film Thickness	: 10 - 12 m ² per litre per coat (35 micron DFT) (Actual coverage is dependent on substrate condition.) *

Application Methods:

1) Brush / Roller	: By brush or roller
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 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 pH9.) Nippon Hi-bond Wall Sealer is recommended for chalky or skim coated surface.

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 ODOUR-LESS WALL SEALER / NIPPON VINILEX 5200 WALL SEALER / NIPPON HI-BOND WALL SEALER	1
Finish	NIPPON ODOUR-LESS AIRCARE	2

Standard Packing : 1 and 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.