

HYDRO-GLOSS

Product Features:

Environmental-friendly green paint for wood and metal substrate
 Low VOC
 Easy application
 Fungus resistance
 Excellent coverage and hiding power

Composition

Pigments : Mainly Titanium Dioxide, Iron Oxides, Carbon Black, Organic Pigments.
Binder : Ambient Cross-linking Acrylic Polymer
Thinner : Water

Application Methods

- 1) Brush** : Dilute the paint with not more than 5% of water. Preferable not dilute for best performance. For better finishing,
Conventional Spray : It is advisable to apply using roller application followed by trimming with Brush if application on walls/plain surface



Product Description

Hydro-Gloss is an environmentally friendly green product with low VOC (Volatile Organic Compound) for interior and exterior use. It is formulated with a solvent-free resin to limit air pollutants and has low odour during application and drying. Being a green product, it is ideal for use in eco-sensitive an extremely commercial and residential areas such as hospitals, schools, residential buildings and hotels. It is easy to apply and forms a tough paint film with durability and smooth finishing.

Properties:

Volume Solid

~40%

Shelf Life

Up to 18 months in tightly sealed container

Recommended no. of coats

2-3 coats

Coverage

9 – 11 m²
per litre per coat

(Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance).

Drying Time

Touch Dry: 30 minutes
(Dependent on temperature and humidity)

Hard Dry: 1 hour
(Depends on temperature and humidity)

Recoating time

2 – 3 hours
(Depends on temperature and humidity)

| Paint Type | Product Type | Finishing | Recommended Substrate | Pack Size |
|-------------|--------------|------------|--------------------------|------------------|
| Water based | Interior | High Gloss | Wood, Metal and Concrete | 0.91Ltr, 3.64Ltr |

Recommended Coating System

Walls , Concrete & Wood

Sealer / Primer : Vinilex 5100 : 1 coat
 Top Coat : Hydro-Gloss : 2 -3 coats

Metal

Sealer / Primer : Hydro-Primer/Red oxide Primer : 1 Coat
 Top Coat : Hydro-Gloss : 2 – 3 Coats

Safety Precautions

Keep the container tightly closed and keep out of children's reach 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 Environment Quality Regulations.



Cleaning : Clean up equipment with water immediately after use.

Surface Preparation

Bare Masonry

Bare masonry surfaces should be completely dry and free from dust, dirt and grease. Use a Bleach solution to treat the surface affected by fungus. Apply NIPPON VINILEX 5100 WALL SEALER and allow thorough drying. Sand and dust off. Smoothen the surface by applying 2-3 coats of NIPPON ACS PUTTY. Sand and dust off thoroughly. 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 walls to be below pH9.)

Previously Painted Sound Surfaces

Remove unstable paint film, loose chalk by rubbing down using abrasive paper or wire brush and dust off. Prime with NIPPON VINILEX 5100 WALL SEALER. Fill the surface with NIPPON ACS PUTTY if necessary.

Wood

Wood must be dry and free from dirt, grease and other contaminants. Smoothen surface with sandpaper, then clean off and dry

Metal

Surface must be dry and free from dirt, grease and other contaminants. Ferrous substrate should be sanded or wirebrushed to remove mill scales and rust. Clean off dust and dry.

Scrap off any loose and flaking paint film. Sand and smoothen defective areas. The entire surface must be dry and free from dirt, grease and other contaminants. In the case of ferrous substrates, remove rust thoroughly. The scraped areas should be spot-primed. Light sanding on surface would ensure better subsequent inter-coat adhesion.

Note

Theoretical Coverage is based on a mathematical formula and does not consider Loss Factors.

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

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 without prior notice.