

Fibre reinforced Elastomeric Waterproofing Basecoat for vertical walls.

Description

NIPPO WALLCOAT is a fibre reinforced elastomeric coating used as a waterproofing basecoat for vertical walls (waterproofing primer). Nippo Wallcoat has an excellent alkali resistant and Anti Efflorescence properties that acts as a barrier and limits the reaction between alkali substrates and atmospheric carbon-dioxide.

Product Features

Waterproofing

The emulsion forms films with high DFT and gives excellent waterproofing.

Crack Bridging

The elastomeric coating forms films which can bridge cracks up to 1-2 mm

Excellent Adhesion

Alkali resistant and prevents the masonry surface from efflorescence, which is a salt-based contamination that can reduce the adhesion ability of the paint.

User friendly

The coating can be applied directly without any dilution and very easily can be applied by either brushing or rolling.

Application Area

To be applied on all types of exterior walls; concrete or plastered surface, terraces, parapet and balconies.

Technical Details

Drying Time	4-6 hours
Coverage	As per the recommended system
Vertical Surface	*35 - 40 sq.ft./L (forced Coverage)
Topcoats	*As per recommended

COVERAGE:

NIPPO WALLCOAT

Vertical Surface: *35 - 40 sq.ft./L (forced Coverage)

*Coverage May vary depending upon the porosity and texture of surface

How to Apply

Surface Preparation:

- New Plaster: Ensure that surface is completely cured and dry. Application of cement paint/lime as an undercoat is not recommended.
- For Repainting: Clean the surface till it is free from dust, grease and flaking paint from surface. Any unstable paint to be removed, using high pressure water wash or scraper whichever is appropriate. Algae and fungus on the wall to be removed, by using high pressure water wash or coir brush and should be treated with Walltron Kleanwall Fungicidal solution. Allow it to dry for 4-6 hrs.
- All the cracks up to 3 mm should be sealed with Walltron N-seal crack-fill powder. For severe cracks and damages use cement mortars modified with Nippo Crete AR/Nippo Brush Crete.

Precautions:

- Do not apply during rains or extreme temperatures.
- Ensure that the product is applied at least 6 inches inside the drain pipe.
- Avoid any abusive movements of heavy vehicles and sharp objects which may lead to puncture of membrane.
- Ensure covering of entire structure by application of coat from parapet to parapet.
- Avoid painting when the temperature is below 10°C and above 45°C. Relative humidity should be below 85%
- Avoid application of Nippo Wallcoat on chalky surface.
- For better adhesion use Walltron Hydroshield Sealer as primer coat.

Application:

1. For Vertical Surface Fresh Or New Concrete:

- a) Apply primer coat of Walltron Hydroshield Sealer by diluting 1 L paint with 750 ml of water.
- b) Apply a coat of Nippo Wallcoat (basecoat) without any dilution with forced coverage of 55-60 sq.ft/L.
- c) Apply two coats of Nippon Paint Exterior products (topcoat) i.e WBA / Sumo Xtra as per recommended procedure.

2. For Vertical Surface Repainting:

- a) Apply primer coat of Nippo Wallcoat diluting 1 L paint with 300 ml water, either by brushing or rolling with forced coverage of 75-80 sq.ft/L
- b) Apply a coat of Nippo Wallcoat (basecoat) without dilution with forced coverage of 75-80 sq.ft/L.
- c) Ensure force coverage of 35-40 sq.ft/L for two coats.
- d) Apply two coats of Nippon Paint Exterior products (topcoat) i.e WBA / Sumo Xtra as per recommended procedure.

3. Allow the drying time of 4- 6 hrs between consecutive coats.

4. The coated substrate should be allowed to dry fully for 7 days Upon drying, on vertical surface and the system will provide DFT of 100- 120 microns.

Safety and Environment

During Painting:

Always work in well ventilated area. Wear appropriate attire, especially gloves and eye protection and mask. Avoid contact with skin as it may cause irritation.

Cleaning:

Wash all tools with clean water immediately after application.

Safety Instructions:

In case of eye contact rinse immediately with water and seek immediate medical treatment. To remove paint from skin, use soap and water or appropriate cleanser. In the event of spillage, contain and collect split paint by using sand or earth.

Storage:

Store paint in a cool dry and well ventilated place away from heat sources, flammables or direct sun light. Keep container tightly closed in secure, upright position. Do not store near food, drinks or animal feed. Keep out of reach of children. Do not dispose of unwanted paint into drains, water sources or open sewers. To dispose safely, pour unwanted paint onto old newspaper and let it dry before placing in a proper waste receptacle.

Environment:

Does not contain any added lead, mercury or chromium compounds. Safety datasheets will be made available to professional users upon request. **Lead content does not exceed 90 parts per million.**

Shelf Life:

3 years from the date of manufacture in original tightly closed containers. Higher temperature during storage may reduce the shelf life and may lead to gelling in the container

Disposal Information:

Disposal of any paint waste & containers in accordance with applicable Environment (Protection) Act 1986 under the Hazardous Wastes (Management & Handling) rules 1989.

Note: For dark shades 1 or 2 additional coats may be required for better performance of paint film.

Disclaimer:

The product information and application details we provide are in good faith and are meant to serve as a general guideline for usage. We advise users to conduct tests and trials to ensure that our products meet their requirements before full-scale usage. Since factors such as the correct identification of problems, quality of other materials used, and on-site workmanship are beyond our control, we cannot provide any expressed or implied guarantee or warranty regarding the results obtained. We do not assume any liability or consequential damage for unsatisfactory results arising from the use of our products.