



NIPPON WEATHERBOND FLEX

External Emulsion

Product Description:

NIPPON WEATHERBOND FLEX is a durable pure acrylic-based elastomeric paint with non-added lead and mercury specially formulated for exterior surfaces. This premium exterior emulsion is easy to apply and forms a smooth thorough film which has excellent fungus resistance, durability and good abrasion resistance. Its high gloss formula offers a luxurious glossy finish for your wall to stay glossier longer.

Recommended Uses:

For decoration and protection of exterior masonry wall.

Composition:

Pigments	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black and Organic Pigments
Binder	: Pure Acrylic Emulsion
Thinner	: Water

Properties:

Colour	: A wide range of colours.
Appearance	: High Gloss

Recommended no. of coats	: Minimum 2 coats
Recommended Dry Film Thickness Per Coat	: Around 30 μm (Actual thickness per coat is based on substrate condition)
Drying Time	
Touch Dry	: Dependent on temperature and humidity.
Hard Dry	: 45 minutes
Recoating Interval	: 2 - 3 hours
Volume Solid	: 43%
Theoretical Coverage at Recommended Dry Film Thickness	: 11 – 13 m^2 per litre per coat (Actual coverage is dependent on substrate condition.) *

Application Methods:

1) Brush / Roller : This paint is ready to use after thorough stirring. If necessary, thin with 5% clean water.

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

Surface Preparation:

Remove all loose, defective paint or powdery residues by wire brushing, scraping or high pressure water jet. Repair cracks, uneven surfaces with Nippon Multi-Purpose Joint Compound or any suitable fillers. Smoothen the putty / filler areas with sandpaper. 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 pH 9.)

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 ACRYLIC 5170 WALL SEALER.

Recommended Paint System

Type of Substrate:

FOR MASONRY

Sequence	Product Name	No. of Coats
Sealer	NIPPON VINILEX 5100 WALL SEALER / NIPPON ACRYLIC 5170 WALL SEALER	1
Finish	NIPPON WEATHERBOND FLEX	2

Standard Packing : 5 litres, 15 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

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

The dry paint film thickness and actual coverage does not consider LOSS FACTORS.
Variables like porosity of substrate, application method, dilution ratio, 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.