



# NIPPON FLEXISEAL ELASTOMERIC MEMBRANE

*External Emulsion*

## **Product Description:**

Nippon FlexiSeal Elastomeric Membrane is a high build elastomeric styrene acrylic based membrane developed for exterior use. It is specially formulated with 2 in 1 sealer & filler property and is highly flexible to cover hairline cracks. Nippon FlexiSeal Elastomeric Membrane has excellent water resistance with good adhesion that seals the pores of concrete to prevent water penetration to the substrate. It contains non-added lead and mercury.

## **Recommended Uses:**

Use as undercoat and patching material for protection of interior and exterior surfaces such as walls, brickwork, wallboards and asbestos. It can be used as patching material to cover hairline cracks to prevent water seepage at external and internal wall.

## **Composition:**

**Pigments** : Mainly Titanium Dioxide and Mineral Extender  
**Binder** : Styrene- Acrylic Emulsion  
**Thinner** : Water

## **Properties:**

**Colour** : White  
**Appearance** : Mid Sheen

**Recommended no. of coats** : 1 to 2 coats.

**Drying Time**  
**Touch Dry** : 45 minutes  
**Hard Dry** : 2 hours Dependent on temperature and humidity

**Recoating Interval** : 2 – 3 hours

**Theoretical Coverage at  
Recommended Dry Film  
Thickness** : 8 - 10 m<sup>2</sup> per litre per coat (35 micron DFT)  
(Actual coverage is dependent on substrate condition.) \*

**Application Methods:**

<b>1) Brush / Roller</b>	: For the 1 <sup>st</sup> and 2 <sup>nd</sup> coats, dilute with 5% water.
<b>2) Spatula, Trowel</b>	: No dilution is needed. If there is any hairline cracks, filled up the hairline cracks first before apply a thick film on the substrate.
<b>Clean Up</b>	: Clean up equipment with water immediately after use.

**Surface Preparation:**

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 are still high.

**Previously Painted Surfaces**

Remove all unstable paint film, loose chalk, dust and foreign matter. Make good any surface defects, clean off and dry. Do not paint on chalky or powdery surface.

**Recommended Paint System**

<b>Sequence</b>	<b>Product Name</b>	<b>No. of Coats</b>
Filler	Nippon FlexiSeal Elastomeric Membrane	1- 2
Sealer	Nippon Vinilex 5100 Wall Sealer / Nippon Acrylic 5170 Wall Sealer / Nippon Hi-Bond Wall Sealer	1
Finish	Exterior grade product	2

**Standard Packing** : 5kg & 20kg

**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.