



NIPPON EXPRESSKOTE SEALER

External Sealer

Product Description:

Nippon Expresskote Sealer is formulated with a special styrene acrylic polymer for excellent alkaline and efflorescence resistance properties. It can be applied directly onto freshly plastered concrete and cement surfaces in just three days of plastering.

Product Features:

- Excellent Fresh Plaster Efflorescence Resistance
- Good adhesion
- Good alkaline and efflorescence resistance
- Anti fungus and algae resistance
- Fast drying time
- Easy application

Recommended Uses:

Specially designed as a sealer for new and old cement rendered surfaces in both internal and external conditions such as:

- Cement plaster
- Precast concrete
- Cast in-situ concrete
- Brickwork
- Hard/soft board
- Gypsum board

Composition:

Pigments	:	Mainly Titanium Dioxide and Mineral Extender
Binder	:	Modified Styrene Acrylic Polymer
Thinner	:	Water

Properties:

Colour	:	White
Appearance	:	Matt
Solid Content	:	50 ± 2% by weight

Recommended no. of coats	:	1 coat
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Recommended Dry Film Thickness per coat	:	30 µm
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Dilution Factors	:	No dilution is necessary for best performance.
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Drying Time	
Touch Dry	: 30 minutes (depends on temperature and humidity)
Hard Dry	: 1 hour
Recoating Interval	: Minimum 2 hours
Theoretical Coverage	: 11 m ² per kg per coat (Actual coverage is depended on substrate condition.)*
Application Method	: By brush / roller
Clean Up	: All equipment should be cleaned with water after use.

<p><u>Surface Preparation:</u></p> <p>Ensure surface is clean, dry, and stable by the following treatment:</p> <p>Suggested surface treatment:</p> <p><u>1. Moisture</u> There must not be any water residue on the surface of the substrate.</p> <p><u>2. Unstable matter</u> Remove powder, loose bonding film, dirt, peeling paint, loose bonding plaster etc. by high pressure water jet wash or mechanical means such as power brush or scrapper whichever is suitable,</p> <p><u>3. Contaminants</u> Remove dust and foreign matter by cleaning with damp cloth. Remove oil and grease by solvent cleaning or mild detergent. Allow surface to dry again. Mild detergent may be used.</p> <p><u>4. Fungus and algae</u> Wash the affected area to remove unstable matters and micro-organisms. Then apply Nippon Fungicidal Wash Solution and leave overnight.</p> <p><u>5. Hairline cracks</u> Fill cracks with suitable exterior grade water-resistant putty or filler. Paint the cracks by using Nippon Flexiseal Elastomeric Membrane.</p>

<u>Recommended Paint System</u>		
FOR EMULSION PAINT		
Sequence	Product Name	No. of Coats
Sealer	Nippon Expresskote Sealer	1
Finish	Nippon Q-Shield Extra/ Nippon Weatherbond/ Nippon Weatherbond Advance/ Nippon Weatherbond Solareflect	2

Recommended Paint System		
FOR TILELAC TEXTURED COATING		
Sequence	Product Name	No. of Coats
Sealer	Nippon Expresskote Sealer	1
Textured Coat	Tilelac EMA Base (E)	1
Finish	Nippon Acrylic Finish/ Nippon PU Recoatable Finish/ Nippon Q-Shield Extra/ Nippon Weatherbond/ Nippon Weatherbond Advance/ Nippon Weatherbond Solareflect	2

Standard Packing : 5 & 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

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

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.