

8000 EXPRESSKOTE SEALER
Updated Oct'24


8000 Expresskote Sealer is a water-based environmentally friendly wall sealer especially for exterior and interior application. It is easy to apply and promotes excellent adhesion to the substrate. This sealer is recommended on exterior and interior concrete and plastered walls to protect the subsequent coats of paints against the attack of alkalinity moisture from the substrate. It can be painted as the foundation of paint systems on freshly plastered concrete surfaces after 3 days of curing under specific conditions: good ventilation and favourable weather are essential, where moisture level of the fresh concrete must be below 25% based on protimeter and pH level needs to be below 11.

Product Features:

- Great efflorescence resistance
- Excellent alkaline resistance
- Excellent hiding and high build
- Excellent adhesion
- Promotes richer colour appearance
- Environmentally friendly

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Interior & Exterior	Matt	Masonry, brick, plastering substrate and fibre board	5 Litres, 20 Litres

Composition

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

Technical Data

Drying Time	: Touch Dry : 15 minutes (Dependent on temperature and humidity)
	: Hard Dry : 1 hour (Dependent on temperature and humidity)
Recoating Time	: 2 hours minimum (Dependent on temperature and humidity)
Dry Film Thickness	: Around 30 µm per coat
No. of Coats	: 1 coat
Theoretical Coverage	: 9 – 12 m ² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 35%
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.
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Recommended Coating System
Emulsion Paint

Sealer / Primer	: 8000 Expresskote Sealer	: 1 Coat
Top Coat	: Nippon Paint Exterior Products / Nippon Paint Interior Products	: 2 Coats

Tilelac Textured Coating

Sealer / Primer	: 8000 Expresskote Sealer	: 1 Coat
Textured Coat	: Tilelac Ema Base	: 1 Coat
Top Coat	: Nippon Paint Exterior Products	: 2 Coats

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. 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. Spot prime with 8000 Expresskote Sealer.

Cleaning

Clean up equipment with water immediately after use.

Safety Precautions

- Keep container tightly closed and keep out of reach 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 Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

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

and does not consider LOSS FACTORS.

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.