NIPPON PAINT

TECHNICAL DATA SHEET

SLATE FINISH SATIN

Updated July'18

Slate Finish Satin is a solvent based acrylic coating. It is specially formulated surface protective coating with added UV additive for treatment of interior and exterior slates, natural stone, cementitious substrate etc against staining, efflorescence and scratching. This coating will enhance the colour of material giving the surface a fine lustrous finish.

Product Features:

- Protective coating against stain, efflorescence and scratching

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent based	Interior & Exterior	Satin	Slates, Brick, Concrete, Quarry, Porous tiles, Natural stones, Artificial stones, Terra cotta tiles, Cementitious substrates	1 Litre, 5 Litres, 20 Litres

Composition

Pigment	: Not applicable
Binder	: Acrylic
Thinner	: Aromatic hydrocarbon

Technical Data

Drying Time	: Touch Dry : 30 minutes (Dependent on temperature, humidity and number of coat)
	: Hard Dry : 1 hour (Dependent on temperature, humidity and number of coat)
Recoating Time	: 4 hours (Dependent on temperature and humidity)
Dry Film Thickness	: Around 30 µm per coat (based on substrate condition)
No. of Coats	: 2 – 3 coats (For heavy traffic area, apply thicker for added protection)
Theoretical Coverage	: 7 – 10 m^2 per litre per coat (Actual coverage is dependent on substrate condition. Irregular and porous substrate require more paint) *
Volume Solid	: ~ 25 %
Shelf Life	: Up to 36 months in tight sealed container

Application Method

Brush / Roller	: Ready to use. Short-hair roller is preferable.
Compressed air spray	: Dilute with maximum 5% of OP-1 Thinner.

Surface Preparation

New Surfaces

Surfaces to be painted must be cleaned thoroughly and dry. It must 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. (Recommended painting specification requires the moisture content of the substrate to be below 16% measured by Protimeter and alkalinity of the substrate to be below pH9). Do not apply on damp or wet surfaces and during raining. This will cause haze white appearance and adhesion problem on the substrate.

Previously Painted Surfaces

Clean the surface with approved detergent & thinner and leave to dry. Then remove all previous loose coatings with mechanical tools or hand tools. Ensure that the surface is completely dry and free from loose flaking material, dust or contamination prior coating.

Cleaning

Clean up equipment with thinner 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

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

and does not consider LOSS FASTORS.
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.