

ROYAL STONE
Updated Feb'22

Royal Stone is a premium grade, near zero VOC granite-like texture coating. It consists of selected natural and synthetic UV resistant coloured stones and aggregates bound by water-based weather resistant 100% acrylic polymer binder suitable for external and internal masonry and other building surfaces.

Product Features:

- Stylish and creates a sandstone-like effect finishing.
- Excellent durability and elegance
- Excellent color retention and color fastness
- High abrasion and scratch resistance
- Light weight and Cost effective alternative to granite
- Customized colors and texture
- Near zero VOC (volatile organic compound), environment friendly product

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Exterior	Sand Finish	Concrete, plaster, brickworks, soft boards, timber and gypsum surfaces	25 Kg

Composition

Pigment	: Coloured stones and aggregates
Binder	: Acrylic emulsion
Thinner	: Water

Technical Data

Drying Time	: Touch Dry : 1 hour (Dependent on temperature and humidity)
	: Hard Dry : 24 hours (Dependent on temperature and humidity)
Recoating Time	: 24 hours for top coating (Dependent on temperature and humidity) (if colour on colour, apply wet-on-wet within 30 mins)
Dry Film Thickness	: Not applicable
No. of Coats	: 2 coats
Theoretical Coverage	: 0.4 – 0.7 m ² / kg (depend on texture size and density of spray and will vary due to factors such as application method and Conditions, surface profile and absorption and etc) <i>It is recommended to go for actual application to estimate the practical coverage for project.</i>
Volume Solid	: 80 ± 5% by weight
Shelf Life	: Up to 6 months in tight sealed container

Application Method

Brush / Roller	: Not applicable
Conventional Air spray	: Ready for use. Thinning not recommended. Always stir well before use. Do not dilute or mix solvent other than that of manufacturer's instructions. Do not apply in air and substrate temperature below 5°C.

Recommended Coating System

Sealer / Primer	: Coloured Primer / Vinilex 5100 2in1 Wall Sealer	: 1 Coat
Top Coat	: Royal Stone	: 2 Coats
Clear Coat	: Stone Art Clear Coat	: 2 Coats

Surface Preparation

Remove all loose, defective paint or powdery residues. Repair cracks, uneven surfaces with suitable fillers. Smoothen the putty / filler areas with sandpaper. 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. (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 pH9.)

Previously Painted Surfaces

Remove all unstable paint film, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Make good any surface defects, clean off and dry. Spot prime with Royal Under.

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.