

City Paints Joint Flex Sealer (Silane Based)

DESCRIPTION:

City Paints Joint Flex Sealer (Silane Based) is a deep penetrating, ultra-low VOC, silane and siloxane based sealer especially designed for porous concrete, masonry and terracotta building materials, with great water, oil and stain resistant ability and suitable for both interior and exterior usage.

During application it forms a film on the coated surface that, after drying, give the support a good water repellent characteristic without affecting breath-ability.

Moreover it's film prevents adhesion of atmospheric dust, which often compromises the aspect of the final result, and is able to create a good anti-scratch barrier.

Product Features:

- Good depth of penetration
- Does not affect surface color or texture
- Rapid development of water repellency
- highly durable and effective beading effect
- Tack-free drying
- Provides good adhesion for paints
- Water-based and environmentally compatible

Paint Type	Product Type	Appearance	Colour	Pack Size
silane and siloxane Based	Interior&Exterior	Transparency /Tint	All Colors	18 Litres

Recommended Applications

- Primer
- Pre-Impregnation of Construction Materials
- Impregnation of New and Existing Buildings
- Construction Materials
- Hydrophobic Impregnation
- Silicone Primers
- stain-resistant top coat

Technical Data

Drying Time	: Touch Dry : 1 ~ 2 hours (Dependent on temperature and humidity)
	: Hard Dry : 4 ~ 6 hours (Dependent on temperature and humidity)
Recoating Time	: 1-2 hours (Dependent on temperature and humidity)
No. of Coats	: 2 coat
Theoretical Coverage	: 6-10 m ² per ltr per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Density	: 1.35 g/cm ³
Shelf Life	: 6 months in tight sealed container , Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition.

Application Method

Brush / Roller /Spray	: No dilution is necessary for best performance
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Application Details
<p>It is an excellent water repellent for many absorbent mineral substrates, such as bricks, sand-lime brick, natural sandstone, GRC surface and mineral plasters. It is not so suitable for less absorbent, dense natural stone, especially limestone.</p> <p>It may also serve as a water-repellent primer for paint top coats and plasters.</p> <p>Spray Use: airless spray or conventional spray</p> <p>Brush: Recommended.</p> <p>Roller: Recommended</p>
Surface Preparation
<p>The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.</p>
Cleaning
<p>Clean up equipment with water immediately after use.</p>
Safety Precautions
<ul style="list-style-type: none">• 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 of any paint waste in accordance with the appropriate Environment Quality Regulations.
Note
<p>* Theoretical Coverage is based on a mathematical formula</p> $\left[\frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$ <p>and does not consider LOSS FACTORS.</p> <p>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.</p> <p>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.</p> <p>We reserve the right to alter the given without prior notice.</p>

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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