

EWI-007

LOTUS EFFECT MASONRY PAINT

PRODUCT DATA SHEET

EWI-007 Lotus Effect Masonry Paint is an advanced silicone masonry paint designed for exterior walls where a highly water-repellent, breathable and durable decorative finish is required. Inspired by the lotus flower effect, it creates a hydrophobic surface that helps repel water, reduce dirt pick-up and support a cleaner-looking façade over time.

The formulation includes specialist additives to help improve resistance to biological overgrowth, making it particularly well suited to exposed elevations and challenging external environments where moisture, shading or organic growth may be more likely.

Intended Uses

EWI-007 Lotus Effect Masonry Paint is intended for use on exterior façades as a decorative and protective masonry coating. It is suitable for renovation work and for use on properly prepared external wall surfaces, including concrete and mineral backgrounds.

The product can also be used as the finishing coat within suitable render and external wall insulation systems. It is especially suitable for elevations exposed to moisture, shade or biological growth, including areas near trees, water and poorly sunlit surfaces.



Technical Specification

Composition

Nano-particle silicone polymer dispersion, polymer dispersion, mineral fillers, refining agents, pigments.

Finish

Matt

Unit Quantity

15 Litre Bucket

Consumption

Approx. 0.225 l/m²

Water Vapour Permeability

≥ 70 g/m²/24h

Water Vapour Diffusion

≤ 1630

Density

Approx. 1.5 g/cm³

Wet Scrub Resistance

≥ 5000 cycles

Application Temperature

+5°C to +25°C

Drying Time

Approx. 12 hours

Recoat Time

Minimum 12 hours

VOC Content

1.27–1.45 g/l

Please note: These figures may vary based on the substrate and application method.

Please see the reverse of this page for directions for use.

Directions for use

Substrate Preparation

Substrates must be clean, dry, sound and free from dust, grease, loose material and any other contaminants that may affect adhesion. Any biological growth must be removed before application, and cracks or damaged areas should be repaired with a suitable mortar and allowed to dry fully.

Substrates should be primed with a suitable primer before painting. All adjacent surfaces not intended for painting should be protected before application begins.

Product Preparation

EWI-007 Lotus Effect Masonry Paint is supplied ready for use. Do not dilute with water or mix with other materials. Stir thoroughly before application to achieve a consistent finish, and check that the selected colour matches the order before work begins.

Application

Apply EWI-007 Lotus Effect Masonry Paint by roller, brush or suitable spray unit. Work continuously across each elevation to avoid visible joints or lap marks.

Allow each coat to dry fully before recoating. The average drying time is approximately 12 hours, although this may vary depending on substrate condition, temperature, humidity and site conditions.

Application Conditions

Application should be carried out when the air, substrate and product temperatures are between +5°C and +25°C. Freshly applied paint should be protected from rain, direct sunlight, wind and frost during application and drying. Scaffold sheeting should be used where required to maintain suitable working and drying conditions.

Clean-up

Tools and equipment should be cleaned with clean water immediately after use and before the paint dries. Any splashes should be cleaned immediately from surrounding surfaces with clean water.

Packaging & Storage

EWI-007 Lotus Effect Masonry Paint is available in 5L containers. Store in dry conditions in the original unopened packaging at temperatures between +5°C and +25°C. Shelf life is up to 24 months from the date of manufacture when stored correctly.

Compliance with Standards

VOC content: 1.27–1.45 g/l, well below the 40 g/l limit for waterborne coatings.

Safety Measures

Avoid contact with skin and eyes. Wear suitable gloves, eye protection and protective clothing during use. In case of eye contact, rinse immediately with plenty of clean water and seek medical advice.

EWI-007 Lotus Effect Masonry Paint may be harmful to aquatic life with long-lasting effects and may cause serious eye damage or an allergic skin reaction. Avoid release to the environment and dispose of contents and containers in accordance with local, regional, national and international regulations.

When spraying, hazardous respirable droplets may be formed. Do not breathe spray or mist. Refer to the relevant Safety Data Sheet and packaging guidance before use.

General Information

This data sheet replaces all previous editions. The information provided is based on current knowledge and practical experience and has been compiled with care. However, it is not guaranteed to be accurate, complete or suitable for every application. It is the responsibility of the user to check the product's suitability for the specific project, substrate and intended use. No legal obligations are established by this document.

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