EWIPRO Render Systems

EWI-006

PREMIUM BIO SILICONE PAINT

PRODUCT DATA SHEET



EWI-006 Premium Bio Silicone Paint is a ready-to-use, breathable decorative coating based on silicone resin and acrylic binders. Designed for internal and external mineral surfaces, it provides a water-resistant finish while allowing moisture vapour to pass through the wall construction.

It is particularly suited to façades and other mineral surfaces exposed to demanding environmental conditions, providing a durable decorative finish within compatible render and external wall insulation systems.

Intended Uses

EWI-006 Premium Bio Silicone Paint is intended for internal and external use on compatible mineral substrates, including mineral render and other suitably prepared render surfaces.

It may be used as a decorative and colour-equalising finish over mineral render. When applied over newly installed mineral render, sufficient curing time should be allowed before painting.

Technical Specification

Composition	
Silicone resin, acrylic binding agents, mineral fillers and pigments	
Quantity Per Unit	
15L	
Consumption	
Approx. 150–250ml/m² per coat, depending on substrate absorbency, structure and application method	
Coverage Rate	
Approx. 60–100m² per 15L bucket per coat	
Bulk Density	
Approx. 1.57g/cm³	
Water Vapour Permeability	
<1.00m	
Water Absorption	
<0.5kg/m²	
Wet Scrub Resistance	
≥5,000 cycles	

Adhesion After Ageing – Mineral Wool System	
≤0.08MPa	
Adhesion After Ageing – EPS System	
≤0.003MPa	
Reaction to Fire – Mineral Wool System	
Class A2	
Reaction to Fire – EPS System	
Class B	
Application Temperature	
+5°C to +25°C	
Drying Time	
Approx. 2–3 hours at +20°C and approx. 65% RH	
Recoat Time	
Approx. 12 hours	

Please note: Thickness, consumption, coverage and time figures are indicative only and may vary depending on the substrate, application method and site conditions.

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

Directions for use

Substrate Preparation

The substrate must be sound, clean and dry, and free from dust, dirt, grease, oils, biological growth, loose material and other contaminants that may affect adhesion. Repair cracks, defects and damaged areas using a suitable compatible repair material and allow all repairs to dry fully before painting.

Where required, use a suitable primer according to the substrate type, condition and absorbency. Protect adjacent surfaces that are not intended to be painted before application.

Product Preparation

EWI-006 Premium Bio Silicone Paint is supplied ready to use. Stir thoroughly before application until a uniform consistency is achieved.

Check the selected colour before application. Where more than one bucket is required for the same elevation, use material from the same production batch where possible to maintain colour consistency.

Application

Apply EWI-006 using a brush, roller or suitable spray equipment. Work continuously across each wall or elevation to minimise visible overlaps, lap marks and colour variation.

When applying over newly installed mineral render, allow sufficient curing before painting. Depending on weather conditions, application is typically carried out approximately 3–7 days after rendering and no later than 21 days after application. For multi-layer render systems, the final render layer should be at least 7 days old before painting.

The paint is initially dry after approximately 2–3 hours at +20°C and around 65% relative humidity. Allow approximately 12 hours before applying a subsequent coat. Lower temperatures and higher humidity may extend these times.

Application Conditions

Apply when the air and substrate temperatures are between +5°C and +25°C.

Do not apply during rain or snow, in strong winds or in direct sunlight without suitable protection. Protect freshly applied paint from adverse weather during application and drying.

Dark or highly saturated colours may absorb more solar heat, so their suitability for large exposed façades should be considered carefully.

Clean-up

Clean tools and equipment with clean water immediately after use. Do not allow paint to dry on tools and do not dispose of waste material into drainage systems.

Packaging & Storage

EWI-006 Premium Bio Silicone Paint is supplied in 15L buckets. Store unopened in dry conditions at temperatures above +5°C and protect from frost and extreme temperatures Shelf life is up to 12 months from the date of manufacture when stored correctly.

Compliance with Standards

PN-C-81913:1998 – Dispersion paints for façade painting.
ETA 15/0576 and ETA 15/0575.
BBA Approval Inspection Testing Certificate 18/5503.

Safety Measures

Wear suitable gloves, eye protection and protective clothing during application. Avoid contact with the skin and eyes and avoid inhaling spray mist. When spraying, use suitable respiratory protection and ensure adequate ventilation. Refer to the latest Safety Data Sheet for full handling, first aid and disposal information.

General Information

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

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