EWIPRO Render Systems

EWI-705
LIME PAINT
PRODUCT DATA SHEET



EWI-705 Lime Paint is a breathable, mineral-based decorative paint designed for internal and external applications. Its highly alkaline formulation provides a smooth, matte finish while maintaining good vapour permeability, making it particularly suitable for traditional, breathable and restoration-focused construction.

It can be used on compatible mineral backgrounds where a natural lime-based finish and effective moisture movement through the wall construction are required.

Intended Uses

EWI-705 Lime Paint is intended for internal and external decorative applications, including heritage restoration, refurbishment and breathable construction.

It is suitable for compatible mineral substrates and lime-based render systems where a vapour-permeable decorative coating is required.

Technical Specification

Appearance	Thixotropic paste with a smooth, matte and opaque finish
Quantity Per Unit	15L
Consumption	Approx. 150–250ml/m² per coat
Application Thickness	<0.2mm
Coverage Rate	Approx. 50m² per 15L bucket for two coats
Density	1.41 ± 0.05g/cm³
pH	13 ± 0.05
Viscosity	8,000–10,000cP
Dry Extract	59 ± 1%

Water Vapour Permeability Coefficient	μ ≤ 15
VOC Content	<1.5g/L
Free Formaldehyde Content	<0.01mg/kg
Application Temperature	+5°C to +35°C
Maximum Relative Humidity	<80%
Touch Dry	Approx. 40–60 minutes at +23°C and 65% RH
Recoat Time	Approx. 4–6 hours at +23°C and 65% RH
Total Drying Time	Approx. 24 hours at +23°C and 65% RH

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, dry and clean, and free from dust, grease, oils, efflorescence, biological growth, loose material and other contaminants that may affect adhesion. Remove poorly adhered coatings and repair defective areas before application.

Where required, use a suitable primer according to the substrate type, condition and absorbency. If chemical cleaning products have been used, rinse the surface thoroughly with clean water and allow it to dry before painting.

Product Preparation

EWI-705 Lime Paint is supplied ready to use. Stir thoroughly at low speed before application until the paint is completely homogeneous.

Application

Apply EWI-705 using a roller, brush or suitable airless spray equipment. Apply evenly across the prepared surface and use a minimum of two coats for a consistent finish.

Allow the first coat to dry sufficiently before recoating. The final appearance may vary depending on the application tool, substrate texture and absorbency.

Application Conditions

Apply when the air and substrate temperatures are between +5°C and +35°C and relative humidity is below 80%.

Under typical conditions of +23°C and 65% RH, the paint is touch-dry after approximately 40–60 minutes, may be recoated after approximately 4–6 hours and reaches total drying after approximately 24 hours. Protect freshly applied paint from rain, frost, direct sunlight, strong winds and rapid drying.

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-705 Lime Paint is supplied in 15L buckets. Store unopened in dry, suitable conditions 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

TBC

Safety Measures

Wear suitable gloves, eye protection and protective clothing during application. Avoid contact with the skin and eyes. In the event of eye contact, rinse immediately with plenty of clean water and seek medical advice where necessary. Refer to the relevant 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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