EWIPRO Render Systems

EWI-707
LIME WASH
PRODUCT DATA SHEET



EWI-707 Lime Wash is a breathable lime-based protective and decorative coating for lime renders, lime plasters and compatible masonry backgrounds. Made from diluted lime putty, it helps maintain the vapour permeability of traditional lime systems while providing a soft, natural finish.

It may also be used as a sacrificial protective coating and, in suitable applications, can help fill minor shrinkage cracks within lime finishes.

Intended Uses

EWI-707 Lime Wash is intended for internal and external use over compatible lime renders, lime plasters and suitable mineral masonry backgrounds.

It is particularly suited to heritage, conservation and refurbishment applications where a traditional breathable coating is required. The wash may be applied by brush, roller or suitable airless spray equipment.

Technical Specification

Composition
Diluted lime putty
Quantity Per Unit
10L
Consumption
Approx. 0.15L/m² for two coats
Application Thickness
<0.2mm
Coverage Rate
Approx. 67m² per 10L jerrycan 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 thoroughly with clean water and allow the surface to dry before application.

Product Preparation

EWI-707 Lime Wash is supplied ready to use. Stir thoroughly at low speed before application until the wash is completely homogeneous.

Application

Apply EWI-707 using a brush, roller 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 method, 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 wash 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 material 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 material to dry on tools and do not dispose of waste into drainage systems.

Packaging & Storage

EWI-707 Lime Wash is supplied in 10L jerrycans. Store unopened in dry 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.

Data Sheet Revision Date: 29/10/2026

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