

# PRO-684 LIME PRIMER PRODUCT DATA SHEET

PRO-684 DECO Lime Primer is a ready-to-use, breathable primer formulated with natural lime and mineral additives. It is designed to regulate substrate absorbency, improve adhesion and provide a stable bonding layer before the application of decorative lime and mineral finishes.

By helping to control suction while maintaining vapour permeability, PRO-684 DECO Lime Primer creates the correct foundation for decorative finish systems where both breathability and finish quality are required.

## Intended Uses

PRO-684 DECO Lime Primer is used as a preparatory coat before mineral plasters, limewash paints and lime-based decorative finishes, including products within the EWI Pro DECO range.

It is suitable for high-absorption mineral substrates such as plaster, masonry, stone and brick. It can be used on interior surfaces and protected exterior surfaces where a breathable primer is required before the application of subsequent mineral or lime-based finishes.



## Technical Specification

<b>Composition</b>	Limewater, carbonate and selected additives, with no toxic components or odorous additives.
<b>Appearance</b>	White milky liquid
<b>Coverage</b>	7 m <sup>2</sup> per litre
<b>pH</b>	10
<b>Direct Tensile Adhesion</b>	1.6 N/mm <sup>2</sup> , FP: B/C
<b>Apparent Viscosity</b>	8,400 cP
<b>Application Temperature</b>	5°C to 30°C
<b>Drying Time</b>	6-8 hours

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

The substrate must be clean, dry, stable and free from dust, grease, oil, mould, efflorescence and any loose or friable material that could affect adhesion. Any unsound coatings should be removed before application. Cracks, hollows or damaged areas should be repaired using compatible fillers or mortars and allowed to dry fully before priming.

Surfaces should be smooth, even and suitably prepared before the primer is applied, as PRO-684 DECO Lime Primer is not designed to conceal surface texture, unevenness or substrate defects.

## Product Preparation

PRO-684 DECO Lime Primer is supplied ready to use. Stir the product thoroughly before application to achieve a uniform consistency. Do not dilute. Apply the product undiluted unless otherwise advised by EWIPRO for the specific project or substrate condition.

## Application

Apply PRO-684 DECO Lime Primer evenly by brush or roller, ensuring full and consistent coverage across the surface.

The recommended application is two coats, allowing a minimum of 6 hours between coats. Drying times may vary depending on substrate absorbency, temperature, humidity and site conditions.

On highly absorbent substrates, further coats may be required to sufficiently regulate suction before the decorative finish is applied. The primer must be fully dry before the next layer or finish is installed.

## Application Conditions

Apply only when the air and substrate temperatures are between 5°C and 30°C. Do not apply in unsuitable drying conditions, including areas exposed to excessive moisture, frost, direct heat or poor ventilation. Site conditions must allow the primer to dry evenly before subsequent materials are applied.

## Clean-up

Clean tools and equipment with warm water immediately after use, while the product is still wet. Once dried, the product may need to be removed mechanically. Any splashes should be cleaned immediately with plenty of water.

## Packaging & Storage

PRO-684 DECO Lime Primer is supplied in 1L containers. Store in the original, tightly sealed container in a dry place, protected from rain, frost and excessive heat. Use within 12 months of the date of manufacture when stored correctly. Once opened, it is recommended to use the full contents of the container.

## Compliance with Standards

N/A

## Safety Measures

Protect surrounding surfaces before application. Due to its alkaline nature, PRO-684 DECO Lime Primer may irritate the skin, eyes and respiratory system. Wear suitable PPE during handling and application, including gloves, eye protection and respiratory protection where required. Wash hands thoroughly after use and before breaks. Do not eat, drink or smoke while using the product. Keep out of reach of children. PRO-684 DECO Lime Primer is non-flammable. Always follow the safety guidance provided on the packaging and refer to the relevant safety data sheet 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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