

PRO-685 DECO VENETIAN PLASTER PRODUCT DATA SHEET

PRO-685 DECO Venetian Plaster is a decorative lime-based plaster designed to create smooth, polished interior finishes with a refined mineral appearance. Formulated with air lime, micronised marble and performance additives, it produces a breathable decorative surface with natural depth, subtle movement and a high-end finish.

Suitable for both contemporary and traditional interiors, PRO-685 DECO Venetian Plaster can be applied in thin layers using a trowel or spatula to achieve elegant Venetian-style finishes across walls, ceilings and selected interior features.

Intended Uses

PRO-685 DECO Venetian Plaster is designed for internal decorative applications where a smooth, polished plaster finish is required. It is suitable for use on walls, ceilings and selected interior surfaces in residential and commercial environments.

It is ideal for creating seamless decorative finishes in feature walls, living spaces, bedrooms, bathrooms, kitchens, reception areas, showrooms, hospitality interiors and retail spaces.

PRO-685 DECO Venetian Plaster should be applied to suitably prepared mineral backgrounds, including plasterboard, fine mortars and prepared plaster surfaces. The substrate must be primed with PRO-684 DECO Lime Primer before application.

Grain Size

Plaster Finish	Grain Size	Ideal For	Suitable Substrates
Venetian	0.08 mm	Furniture, walls & ceilings	Plasterboard, Fine Mortar



Technical Specification

Composition

Air lime, lime water, resin, micronised marble, additives.

Final Appearance

Mineral, matte finish

Application Thickness

1 to 3 mm

Consumption

1 kg/m²/mm

Compressive Strength

CSIV – 10.9 N/mm²

Flexural Strength

4.5 N/mm²

Bulk Density

1.305 kg/m³

Water Vapour Permeability

μ12

Liquid Water Permeability

W2 (0.09 kg/m²·h0.5)

Water Absorption

0.02 kg/(m²·min0.5)

Adhesion to Concrete

0.7 N/mm²

Adhesion to Ceramic Substrate

0.7 N/mm²

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

Surfaces must be clean, dry, stable and free from dust, grease, oil, loose material and any other contaminants that may affect adhesion or the final appearance. The substrate should be checked for flatness before application. Any significant irregularities, cracks, holes or damaged areas should be repaired using compatible materials and allowed to dry fully before priming.

The background must be sound, even and suitably prepared to support a decorative plaster finish. As Venetian plaster is applied in thin layers, substrate preparation is essential to achieving a smooth, refined result.

Before application, the substrate must be primed with PRO-684 DECO Lime Primer. Ensure the primer is fully dry before applying PRO-685 DECO Venetian Plaster.

Product Preparation

PRO-685 DECO Venetian Plaster is supplied ready to use. Stir the material thoroughly before application to achieve a smooth, consistent texture. Do not add water, pigments or other additives unless specifically advised by EWIPRO for the intended use or decorative effect.

Application

PRO-685 DECO Venetian Plaster should be applied using a clean stainless steel trowel or spatula, depending on the desired finish. The material should be applied in thin, even layers, allowing each coat to dry sufficiently before the next layer is installed.

The plaster can be worked and compressed with the trowel to create a smooth Venetian-style surface with natural tonal variation, depth and movement. The recommended application thickness is 1mm to 3mm, although the number of coats and final appearance may vary depending on the substrate condition, application technique and required decorative effect.

Once the final layer has been applied, the surface can be polished or burnished as required to enhance the smoothness and depth of the finish. Where additional protection or a satin sheen is required, a compatible finishing treatment may be applied once the plaster has fully dried, following the relevant product guidance.

Application Conditions

Apply only when ambient and substrate temperatures are between 5°C and 30°C. Do not apply in unsuitable conditions or where temperature, humidity, poor ventilation or site conditions may affect drying, curing or finish quality. The product should not be applied to damp, unstable or contaminated backgrounds.

Clean-up

Clean tools and equipment with water immediately after use and before the material dries. Once hardened, the product may need to be removed mechanically.

Packaging & Storage

PRO-685 DECO Venetian Plaster is supplied in 15kg buckets. Store in the original, unopened packaging in a cool, dry place, protected from rain, frost, direct sunlight and adverse conditions. Shelf life is up to 12 months from the date of manufacture when stored correctly. Once opened, it is recommended to use the full contents of the bucket.

Compliance with Standards

N/A

Safety Measures

Protect surrounding surfaces before application. Any splashes should be cleaned off immediately with plenty of water.

Due to its alkaline nature, PRO-685 DECO Venetian Plaster may irritate the skin, eyes and respiratory system. Wear suitable PPE during handling and application, including gloves, eye protection and respiratory protection where required. Do not eat, drink or smoke while using the product. Wash hands thoroughly before breaks and after completing work. Keep out of reach of children.

PRO-685 DECO Venetian Plaster 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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