

PRO-570

READY MIXED PLASTER

PRODUCT DATA SHEET

PRO-570 Ready Mixed Plaster is a ready-to-use, polymer-modified internal finishing plaster designed to produce a smooth, high-quality surface on internal walls and ceilings prior to decoration. Supplied as a factory-prepared paste, it offers excellent workability, good adhesion and increased hardness, making it suitable for hand, roller or machine application. The formulation is smooth, thixotropic and easy to apply, providing a fine finish suitable for modern internal construction and refurbishment projects.

Intended Uses

PRO-570 Ready Mixed Plaster is intended for internal use only. It is designed for smoothing internal walls and ceilings before painting or the application of quality decorative finishes. It is suitable for use over cement-lime plasters, gypsum plasters, plasterboard, concrete and reinforced concrete, provided the substrate is sound, dry and correctly prepared. It is particularly well suited to projects where a smooth finish is required using hand, roller or machine application methods.



Technical Specification

Composition

Acrylic polymer dispersion in water, additives, pigments and water.

Colour

White

Quantity per Unit

18kg

Application Thickness

Up to 2mm per coat

Consumption

Approx. 2kg/m²/mm

Application Temperature

+5°C to +30°C

Drying Time

Approx. 2 hours at +20°C

Hardening Time

Approx. 24 hours

Adhesion to Concrete

≥ 0.3 MPa

Adhesion to Gypsum Plasterboard

≥ 0.15 MPa

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

Substrates must be clean, dry, stable and load-bearing before application. All backgrounds should be free from dust, grease, lubricants, release agents, paint residues and other contaminants that may affect adhesion. Unstable coatings and surfaces with insufficient adhesion must be removed. Oily or contaminated surfaces should be thoroughly cleaned before application. Joints between different substrates, installation chases and other areas prone to cracking should be reinforced with suitable glass fibre mesh where required.

Product Preparation

PRO-570 Ready Mixed Plaster is supplied ready to use and should be mixed thoroughly before application. Where roller or machine application is used, a small addition of clean water may be made to improve consistency, up to a maximum of approximately 1.7% per unit. The contents should always be mixed thoroughly before use and before adding any water. Material that has begun to harden must not be re-mixed.

Application

Apply PRO-570 Ready Mixed Plaster using a steel trowel, roller or suitable spray equipment. Spread the material evenly and work it firmly into the prepared substrate to achieve a smooth, uniform finish. The maximum recommended thickness is 2mm per coat. Where several coats are required, each successive coat should be applied only after the previous coat has set. Once the putty layer is completely dry, any unevenness should be sanded by hand or mechanically using suitable abrasive paper or sanding cloth.

Application Conditions

Application should be carried out when the air, substrate and product temperatures are between +5°C and +30°C. The surface must be dry, sound, fixed and free from dust, soot, algae, efflorescence and other contamination. Finishing works should only begin once walls and concrete elements have fully settled, dried and stabilised. Rooms should be ventilated after completion of the works.

Clean-up

Tools and equipment should be cleaned immediately after use. After sanding, all surface dust should be removed before any subsequent priming or decoration is carried out.

Packaging & Storage

PRO-570 Ready Mixed Plaster is supplied in 18kg units. Store in sealed packaging between +5°C and +25°C, protected from frost, direct sunlight, heat sources and open flame. When stored correctly, shelf life is up to 12 months from the date of manufacture. Transport should take place at temperatures not lower than +5°C.

Compliance with Standards

PRO-570 Ready Mixed Plaster conforms to EN 15824.

Safety Measures

Avoid contact with skin and protect the eyes during use. In the event of eye contact, rinse immediately with plenty of clean water and seek medical advice. Suitable gloves, safety goggles and protective clothing are recommended during application. The product should be applied in accordance with normal health and safety requirements and good site practice. For full hazard, handling and disposal guidance, refer to the relevant Safety Data Sheet.

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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Address:

Unit 1-2 King George's Trading Estate,
Davis Road,
Chessington,
England,
KT9 1TT

Email:

info@ewipro.com

Phone:

0800 133 7072



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www.ewipro.com