EWIPRO Render Systems

EWI-269

LIGHTWEIGHT BASECOAT

PRODUCT DATA SHEET

EWI-269 Lightweight Basecoat is a breathable, lightweight cement and lime-based levelling render designed for internal and external use. It is suitable for application over high-performance blockwork, lightweight masonry and suitable stonework, and can be applied by hand or machine. Its lightweight mineral formulation, including perlite, provides good workability while allowing thicker levelling applications.



Intended Uses

EWI-269 Lightweight Basecoat is intended as an internal or external levelling and preparation layer over suitable mineral substrates. It can be used before a compatible reinforcement layer or decorative finish and applied at up to approximately 20mm in a single pass, with additional coats used where greater build-up is required.

Technical Specification

Composition	Portland cement, hydrated lime, mineral fillers including perlite and admixtures
Quantity Per Unit	25kg
Consumption	Approx. 5.5kg/m² per 5mm thickness
Minimum / Maximum Thickness	5mm-25mm
Recommended Maximum Thickness Per Pass	Up to 20mm in one pass
Coverage Rate	Approx. 4.5m² per 25kg bag at 5mm thickness; approx. 1.1m² per 25kg bag at 20mm thickness
Water Mix Proportions	Approx. 5L of clean water per 25kg dry mix
Dry Bulk Density	Approx. 1.5g/cm³

Application Temperature	+3°C to +25°C
Working Time	Approx. 3 hours at +20°C, depending on site conditions
Drying Time	Approx. 12–28 hours, depending on thickness and site conditions
Thermal Conductivity	< 0.47 W/m·K
Adhesion to Concrete (Air-Dry)	≥ 0.3MPa
Capillary Water Absorption	W2 – between 200g/m² and 500g/m²
Reaction to Fire	Class A1
Soluble Chromium (VI) Concentration	≤ 0.0002%

Recommended Thickness by Substrate

Substrate	Recommended Thickness	Coverage Rate
Brick / Block	10mm	Approx. 2.3m² per 25kg bag

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, stable, clean and free from dust, dirt, salts, loose material and other contaminants that may affect adhesion. Remove weak or poorly bonded areas before application. Where required, use a suitable primer according to the substrate type, condition and absorbency. New substrates should be adequately cured, dry and dimensionally stable before application.

Product Preparation

Mix one 25kg bag of EWI-269 with approximately 5 litres of clean water using a suitable paddle mixer for 2–3 minutes until smooth and homogeneous. Adjust the water only where necessary to achieve the required working consistency. Do not remix hardened material with additional water or fresh product.

Application

Apply EWI-269 evenly across the prepared substrate using a suitable plastering trowel or spray machine and level the material to the required thickness. The product can be applied at up to approximately 20mm in a single pass.

Where multiple coats are required, allow the previous coat to set and provide an adequate key before applying the next. Level and finish the surface as required for the intended subsequent coating or finish.

Application Conditions

Apply between +3°C and +25°C. Protect freshly applied material from rain, frost, strong winds, direct sunlight and rapid drying. External work should be suitably protected during application and curing, while internal areas should be adequately ventilated.

Clean-up

Clean tools and equipment with clean water immediately after use. Hardened material should be removed mechanically. Do not dispose of waste material into drainage systems.

Packaging & Storage

Supplied in 25kg bags. Store unopened in the original packaging in a dry environment above +5°C and protect from moisture. Shelf life is up to 12 months from the date of manufacture when stored correctly.

Compliance with Standards

ETA 15/0576 and ETA 15/0575.
BBA Approval Inspection Testing Certificate 18/5503.

Safety Measures

Wear suitable protective gloves, protective clothing and eye protection during mixing and application, with suitable respiratory protection where dust may be generated. Avoid breathing dust and prevent 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. Keep out of reach of children and do not ingest. Refer to the relevant Safety Data Sheet for full safety, 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: 27/10/2026

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

Email:
info@ewipro.com

Phone:
0800 133 7072

EWIPRO

www.ewipro.com