

EUROPLAST 100

CEMENTITIOUS SCRATCH COAT BEFORE PLASTERING

DESCRIPTION

EUROPLAST 100 is a Premixed cementitious scratch coat used for preparing cement based surfaces before Plastering. It improves the adhesion of the new cement based plaster. It is applied on internal or external walls and ceilings, fair faced concrete, masonry blocks, and old cement based plaster.

USES

EUROPLAST 100 is used as internal & external scratch coat for plasters on ceilings, fair faced concrete surfaces, bricks, regular blocks, and concrete blocks providing mechanical key on horizontal, vertical, and overhead application for subsequent layers.

ADVANTAGES

- Factory-controlled pre-blend ensures consistently high quality
- Ready to use with water, eliminating the need for additional additives
- Excellent adhesion and robust mechanical properties
- Easy workability for efficient application
- Long-lasting durability

STANDARD

EUROPLAST 100 complies with industry standards, including ASTM C150 and ASTM C926-15b.

APPLICATION

Surface Preparation

Before plastering/rendering, ensure the surface is free from dust, loose particles, cement laitance, oil, and grease.

Before EUROPLAST 100 application, damp the entire surfaces with clean potable water, and the substrate should be neutralized at the time of the application.

Additionally, make sure to fix all electrical fittings, corner beads, etc. prior to commencing the rendering work.

TYPICAL PROPERTIES

Appearance	Grey powder
Mixed Density (FWD)	1.7 g/cm ³ ± 0.02
Compressive Strength (ASTM C109/109M)	5 MPa
Maximum Grain Size	Approx. 2 mm
Coat Thickness	3 - 5 mm
Initial Set	2 hours
Final Set	24 hours
W/P	0.16
Application Temperature	5°C - 35°C

MIXING

Mixing Ratio: 4 L : 25 kg (water:powder)

When mixing EUROPLAST 100, add water to a clean mixing vessel, then add the EUROPLAST 100 powder while stirring. Use a forced action mixer for 2 to 3 minutes or until lump-free (max 5 minutes). Alternatively, a slow-speed drill (max 500 rpm) can be used. Do not mix more material than can be used within the pot life for best results.

APPLICATION INSTRUCTIONS

Once prepared, EUROPLAST 100 is ready for application and can be applied either by machine (such as a tyrolean box or a power spray gun) or manually using a plastering trowel.

Apply the plaster to the prepared surface with a thickness ranging between 3 mm and 5 mm in a single layer.

Ensure to cover 95-100% of the surface area to be plastered.

CURING

To achieve optimal results, the plaster should be cured with water for a minimum of 3 days. This involves spraying the plaster with water 3 to 4 times daily during the curing period.

COVERAGE

EUROPLAST 100 yields between (16-17 L); however, the consumption depends on the application method and the substrate finish.

PACKAGING

EUROPLAST 100 is supplied in 25 kg bags.

STORAGE

EUROPLAST 100 should be stored and maintained in a cool, dry, and well-ventilated area.

The shelf life of EUROPLAST 100 is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

For information regarding the licensee or manufacturer for ECA, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.