

EUROPLAST EXPO S

DECORATIVE CEMENTITIOUS PLASTER WITH A FINE FINISH

DESCRIPTION

EUROPLAST EXPO S is a high-performance, ready-mixed cementitious-based decorative plaster specifically designed to provide a smooth decorative finish for interior and exterior applications. EUROPLAST EXPO S is of the highest quality, achieving a visually pleasing and durable surface.

USES

- To create a smooth decorative finish on building facades
- Multi-purpose walls and partitions decorative covering
- As a final layer of the External Thermal Insulation Composite System (ETICS)
- For applications onto plastered, fair-faced concrete surfaces and precast panels

ADVANTAGES

- Weather resistance
- Shrinkage controlled polymer modified plaster
- Easy to apply, pre-mixed plaster that requires only the addition of water
- Available in a wide range of colors

STANDARD

EUROPLAST EXPO S complies with ASTM C150 and ASTM C 926 -15b standards.

APPLICATION

Surface Preparation

Before plastering/rendering, ensure the surface is free from dust, loose particles, cement laitance, oil, and grease. Before EUROPLAST EXPO S 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	Variable
Mixed Density (FWD)	1.8 g/cm ³ ± 0.02
Compressive Strength (ASTM C109/109M)	5 MPa
Maximum Grain Size	Approx. 1.15 mm
Coat Thickness	3 - 6 mm
W/P	0.2 - 0.26
Initial Set	2 hours
Final Set	24 hours
Application Temperature	5°C - 35°C

MIXING

Mixing Ratio: 6.5 L: 25 kg (water:powder)

When mixing EUROPLAST EXPO S, add water to a clean mixing vessel following the desired consistency and recommended ratio. Slowly add the EUROPLAST EXPO S 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 usable within the pot life for best results. Follow the manufacturer's guidelines for optimal application and performance.

APPLICATION INSTRUCTIONS

Apply the plaster on the prepared surface with a thickness of 3 mm in a single layer. For a more appealing finish, it is recommended to apply two coats. Allow the product to properly set on the surface before proceeding with any curing. If a greater thickness is needed, apply the plaster in two layers. The first layer should be left rough, and once it is cured, apply the second layer. Following these application guidelines will result in a well-applied EUROPLAST EXPO S plaster, ensuring a smooth and visually pleasing finish. Always adhere to the manufacturer's instructions for best results.



COVERAGE

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

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.

PACKAGING

EUROPLAST EXPO S is supplied in 25 kg bags.

STORAGE

EUROPLAST EXPO S 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.