

Product Overview
CLASS PERLITE PLASTER THIN AND THICK is a high-performance, thin hand plaster specifically designed for application on brick, concrete, exposed concrete, and block wall and ceiling surfaces, incorporating perlite and polymer additives.

Application Domains

- Indoor and outdoor
- Exposed concrete, masonry,
- It is applicable to concrete and brick wall and ceiling surfaces.

Technical Specifications

Intensity	1.47 kg/lt
Water Mixing Ratio	9-10 liters of water for 40 kilograms of powder
Sun We are not	$0.40 \leq \text{kg/m}^2 \cdot \sqrt{\text{min}}$
Bond strength	$>0,3 \text{ N/mm}^2$
Application thickness	3-7 mm
Application Temperature	Between +5°C and +30°C
Flexural strength	$>1 \text{ N/mm}^2$
Compressive strength	$>3 \text{ N/mm}^2$
Thermal Conductivity Coefficient (TS EN 1745)	0,450(W/mK)

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.

Advantages

- Due to its uniform structure, it offers exceptional adhesion and strength at every point on the surface.
- It facilitates a straightforward and rapid application by hand.
- The surface is completed with a single coat application.

Surface Preparation
The surface must be devoid of dust, oil, paint, and other substances that could hinder adhesion. Any imperfections, cracks, or breaks on the surface should be filled and repaired using CLASS Remiks 5-10 repair mortar. Prior to plastering, the surface, particularly areas exposed to sunlight and wind, should be thoroughly saturated with water.

Mixture
CLASS PERLITE PLASTER, available in both fine and coarse grades, comes in 40 kg powder form packaged in kraft bags. The powder is combined with 9-10 liters of clean water, either manually or with a plaster mixing machine. It is subsequently applied to the surface using a steel trowel, finishing trowel, or other hand tools.

Application Details
CLASS PERLITE PLASTER (FINE and THICK) is a cement-based machine-applied plaster that must be applied at a minimum thickness of 3-7 mm. The application thickness should remain within this range for a single coat. Should the thickness exceed 7 mm, a second coat may be applied only after the first coat has completely set (approximately 1 day). The second coat should not exceed 7 mm in thickness. To ensure the plaster's durability, the surface should be moistened at regular intervals for 7 days post-application, contingent upon ambient conditions. The specified technical data applies to a surface and ambient temperature of 20°C; lower temperatures may extend the application time, while higher temperatures may reduce it.



Consumption

Depending on the surface structure, approximately 1.3 to 1.6 kg/m² for a thickness of 1 mm.



PACKAGING

40 kg Kraft Bag



Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.



Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life; may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with ample water.

S29: Do not release into the sewage system.

S46: If ingested, seek medical attention promptly and present the container or label.

LEGAL NOTICE

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