

perlitex

ACOUSTIC PLASTER

Product Description

Perlitex Acoustic Plaster is a cement-based, lightweight, and vapor-permeable plaster that enhances sound and thermal insulation on both interior and exterior surfaces. Its breathable structure helps reduce moisture and mold formation. It is easy to apply, resistant to cracking, non-combustible, and long-lasting.

TECHNICAL SPECIFICATIONS

Dry Density: $630 \pm 20 \text{ kg/m}^3$

Compressive Strength: 2.0

Bond Strength: 0.2

Capillary Water Absorption:
 $1,65 \text{ kg/m}^2 \text{ min} 0,5$

Water Vapor Permeability: $3,67 \mu$

Thermal Conductivity: $0,151 \text{ W/m}\cdot\text{K}$

Reaction to Fire Class: A1

Standards: TS EN 998-1

Application Instruction

Add 20 kg of the product to 16 liters of clean water and mix until homogeneous. Let it rest for 3–5 minutes, then mix again and use within 100–120 minutes.

Application temperature: $+5 \text{ }^\circ\text{C}$ to $+35 \text{ }^\circ\text{C}$. The surface must be clean, dry, and free of dust. Maximum layer thickness: 20 mm. Waiting time between coats: ≥ 4 hours. Minimum total thickness: 40 mm. Apply using a trowel or plastering machine. Not suitable as a final coat. After application, reinforce with an alkali-resistant mesh and finish the surface with Perlitex Satin Putty. The system minimizes shrinkage and hairline cracks, providing a smooth and stable substrate for paint and wall coverings.

Standards and Certifications

Perlitex Acoustic Plaster is manufactured under independent quality systems in compliance with TS EN 998-1 standards and is certified with ISO 9001:2015, ISO 14001, and ISO 45001.



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Product Features

Consumption	Thermal Conductivity W/mk	Drying Time	Water Mixing Ratio	Pallet Capacity
3.5 kg / m ² at 1 cm thickness	0.151	48 Hours	16 Liter	40-50 Bags

Areas of Use

Applicable on concrete, aerated concrete, pumice block, brick, and rough plastered surfaces. Compatible with gypsum- and cement-based boards, as well as EPS and mineral wool surfaces. Suitable for use on both interior and exterior wall applications.

Storage Conditions

Store in its original packaging, on pallets, in a dry and cool environment. Protect from direct sunlight and frost. Shelf life: 12 months.

Security Information

Avoid contact with skin and eyes. Use protective equipment.
In case of eye contact, rinse thoroughly with plenty of water.
Refer to the MSDS for detailed information. Keep out of reach of children.

Professional Suggestion

Perlitex Acoustic Plaster should not be used as a standalone final coat. After application, it is recommended to reinforce the surface with an alkali-resistant mesh and then finish it with Perlitex Satin Putty.

This system minimizes the risk of shrinkage and hairline cracks, especially at junction points of different substrates and in areas requiring filling. It also enhances the mechanical strength of the surface, resulting in a more stable and durable structure. The finished surface is smooth, homogeneous, and moisture-resistant, providing an ideal substrate for paint and wall coverings. For detailed information, please refer to the Perlitex Satin Putty technical data sheet.

