

WEM clay acoustic plaster light

item 20218

Scope

Light-colored clay machine plaster for ceilings. Advantageous properties for room acoustics due to its innovative composition and application method.



Fig. 1

Technical data

composition	ground natural white clay, Crushed sands with oversize particles, expanded glass, perlite, cellulose, vegetable starch
Order volume	5 - 10 mm - single layer
Grain group/Oversize	0/3 mm
Bulk density class	1100 kg/m ³
Water vapor diffusion resistance	$\mu = 5/10$
Building material class	A1
off-white	

Delivery form

15kg/bag, 42 bags/sheet

Storage

If stored dry, the plaster has an unlimited shelf life.

Consumption

approx. 11 kg/m² at 1 cm layer thickness

Processing

Approximately 23-27% water is added to the 15 kg bag. The substrate must be clean, free of film-forming release agents, dust-free, and sufficiently textured, as the clay plaster adheres only mechanically. WEM primer is necessary for uneven, excessively smooth, or problematic substrates. Pre-wetting is not required. The plaster mortar is sprayed on using a plastering machine and not troweled. The maximum plaster thickness is 10 mm per layer. The plaster can be applied in multiple layers.

Duration and drying

The mixed material can be used for several days if covered. However, it may be necessary to add more water.



Fig.2