

KEPENEK

NATURAL MINERAL FILLED THERMAL EXTERIOR PLASTER



Product Description:

A natural mineral-filled, breathable, a class non-flammable thermal exterior ready-mix plaster that prevents heat and cold transfer. Its lightweight composition reduces the structural load of the building.

GENERAL SPECIFICATIONS



- Breathes life into your home
- Saves on heating and cooling costs
- Made from natural materials, not harmful to health
- Provides water, sound, heat, and fire insulation with a single product
- Lightweight, reduces building load
- Very easy to apply
- An alternative to external insulation

APPLICATION RANGE

The exterior surfaces of materials such as concrete, reinforced concrete, brick, pumice, aerated concrete, drywall, and cement board are coated with a plastering process.

TECHNICAL SPECIFICATIONS



- Dry unit volume mass: 310 kg/m³
- Compressive strength: 0.43 N/mm²
- Compressive strength class: CS I (Meets the CS I class limit specified in TS EN 998-1 standard)
- Capillary water absorption: 0.35 kg/m²·min^{0.5}
- Capillary water absorption class: W1 (Water-repellent & hydrophobic properties, meets the W1 class limit specified in TS EN 998-1 standard)
- Thermal conductivity in dry state: 0.054 W/mK
- Thermal conductivity class: T1 (Meets the T1 class limit specified in TS EN 998-1 standard)
- Sound transmission loss value (R 500 Hz): 13 dB (Material with acoustic insulation properties)
- Water vapor permeability: 7.80 (Breathable material with diffusion capability)
- Mass loss at high temperature: 0.92%
- Fire resistance class: A1 (Non-combustible material)
- Available in 12 kg ppb.
- Should be stored between 5°C and 35°C. Has a shelf life of 12 months in a dry, non-humid environment away from direct sunlight.