

BORSTUCCO BOR MINERAL INTERIOR AND EXTERIOR THERMAL INSULATION PLASTER

Description: BORSTUCCO is a specially formulated thermal insulation plaster, the first and only one in Turkey, produced with domestic resources and featuring BOR additives. Designed for both interior and exterior surfaces, it possesses excellent thermal, acoustic, and fire insulation properties, along with breathability and vapor permeability. The special formula that makes up BORSTUCCO not only provides high-quality thermal and water insulation but also eliminates temperature differences between thermal bridges and the wall surface and the surrounding air, preventing condensation formation. Therefore, it has an excellent mold-preventing feature. The ingredients in BORSTUCCO, including Bor additives, acrylic copolymers, special pigments, and fillers, create a unique formulation that provides the product with a low thermal conductivity coefficient, offering excellent thermal insulation properties and the ability to absorb sound waves. The thermal insulation and sound absorption properties vary depending on the applied thickness, providing up to 50% energy savings. BORSTUCCO's fire-retardant BOR components ensure the necessary fire protection for the structure (regarding duration, smoke quantity, non-dripping, prevention of fire spread, etc.) When applied to interior walls and ceilings, BORSTUCCO reflects and traps the generated heat inside, preventing it from escaping outward. When used on exterior facades, it acts like a mirror, reflecting hot and cold air waves to the building surface and preventing their penetration into the interior space.

Product features:

- Provides up to 50% energy savings.
- Reflects and repels both hot and cold air waves.
- Applicable for both interior and exterior surfaces.
- Breathable properties.
- Non-flammable and fire-retardant.
- Effective in waterproofing,
- Prevents moisture and mold formation on walls and ceilings.
- Easy to apply with low labor costs.
- Easy to clean and resistant to dirt.

Technical Specifications:

Density (25°C, g/mL) : 1,60	Impact resistance: no cracking or rupture	Contactless Drying : 1 hour
Viscosity (25°C, kμ) : 170	Thermal Paints Class : Cold Climate Paint	Full drying time: 72 hours
Solids Ratio (% Weight) : 77	Consumption : 1 m2 3 kg/m2	Filling : 10 and 18 kg PP bucket
pH : 8,97	Pot Life (23°C) : 24 months	Solvent : Water
Brightness : Matt		Colour : White

Application Method and Features:

The surfaces to be plastered should be free from dirt, oil, rust, grease, loose parts, and other foreign materials. Before application, the surface should be primed with UNIVERSAL PRIMER insulation and paint primer, diluted with water at a ratio of 1/7 (1 part UNIVERSAL PRIMER: 7 parts water), applied in a single coat with a consumption of 200-300 gr/m². The primer is then left to dry for 4 hours.

Exterior Application : BORSTUCCO is ready for use when the lid is opened. Before use, it should be thoroughly mixed with a mechanical mixer for 4-5 minutes. In external applications, the product should be applied with a notched trowel, and depending on weather conditions, it should be left to dry for at least 24 hours to ensure complete drying. Once it is determined through manual inspection that the first coat has dried, the second coat can be applied. For interior applications, it should be applied in at least 2 coats based on color and coverage. After the first coat has dried, the second coat should be applied, and a waiting period of 6 hours is recommended between the two coats.

Important : The surface should be protected from rain, water, mechanical loads, and impacts during and after application for 24 hours. Overconsumption or underconsumption may lead to inefficiency and side effects

Shelf life : If stored in its original, unopened, undamaged packaging, the product has a shelf life of 24 months from the date of production.

Storage conditions: Store in a dry and cool place, tightly closed.

Health and Safety Information : For information and advice on the safe use, storage, and disposal of chemical products, users should refer to the most up-to-date Safety Data Sheet containing physical, ecological, toxicological, and safety-related data.