

BORPAINT BOR MINERAL INTERIOR AND EXTERIOR THERMAL INSULATION PAINT

Description: BORPAINT is a specially formulated thermal insulation paint for both interior and exterior surfaces, produced entirely with domestic capabilities in Türkiye and enriched with BOR additives. It is the first and only special thermal insulation paint with BOR, providing excellent insulation against heat, sound, fire, and water, while possessing vapor permeability and breathability characteristics for both interior and exterior surfaces. BORPAINT's special formula not only provides high-quality thermal and water insulation but also eliminates thermal bridges and the temperature difference between the wall surface and the surrounding air. This prevents condensation formation, making it an excellent mold preventive feature. BORPAINT's content includes Boron additives, acrylic copolymers, special pigments, and fillers. The special formulation created with these components results in a low thermal conductivity coefficient, providing excellent thermal insulation and sound absorption capabilities. The thermal insulation and sound absorption properties vary depending on the applied thickness, offering up to 50% energy savings. BORPAINT's fire-retardant BOR components provide the necessary fire protection for structures, addressing aspects such as duration, smoke quantity, non-dripping, and preventing the progression of the fire. BORPAINT's fire-retardant BOR components ensure the required fire protection for structures, covering factors such as duration, smoke volume, non-dripping, and preventing the spread of the fire.

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.
- Ensures water insulation.
- 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) : 1,20	Impact resistance: no cracking or rupture	Contactless Drying : 1 hour
Viscosity (25°C, kμ) : 150	Thermal Paints Class : Cold Climate Paint	Full drying time: 72 hours
Solids Ratio (% Weight) : 67	Consumption interior : 1 m2 0,8 kg/m2	Filling : 4, 10 and 18 kg PP bucket
pH : 8,96	Consumption exterior : 1 m2 1 kg/m2	Solvent : Water
Brightness : Matt	Pot Life (23°C) : 24 months	Colour : White

Application Method and Features:

The surfaces to be painted must be free from dirt, oil, rust, grease, loose particles, and other foreign materials. Before application, BORPAINT brand UNIVERSAL PRIMER, an insulation and paint primer, should be applied to the surface by diluting it with water at a ratio of 1/7. The primer is then left to dry for 4 hours. Before using BORPAINT, it should be thoroughly mixed with a mechanical mixer for 4-5 minutes.

For both interior and exterior applications, the product should be applied in 2 full coats using a roller or brush without any THINNING. The second coat should be applied after the first coat has dried. There should be a waiting period of 4 hours between the two coat applications.

Important: During and after application, the surface must be protected from rain, water, mechanical loads and impacts for 24 hours. Consuming more or less can lead to inefficiency and side effects.

Shelf life : When stored in its original, unopened, undamaged packaging, it is suitable for use for 24 months from the production date.

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

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