

PLASTERCoat

HIGH TECH THERMAL INSULATION PLASTERING MATERIAL

**High Performance
Energy savings of up to 60%
Weather resistant**



ENERGY SAVING

SUBERTA

 **inovasta**
Innovative systems solutions

GENERAL INFORMATION

A high performance thermal insulation plaster developed by SUBERTA for thermal insulation applications; as an inflammable alternative to the easily flammable EPS, XPS, POLYURETHANE and Rock-wool that releases toxic Formaldehyde upon heating. Used on indoor and outdoor surfaces. Ensures a fully comfortable thermal insulation for living spaces when applied concurrently on interior and exterior surfaces. Plastercoat is highly durable and remains on the applied surfaces for many years.

PURPOSE AND DESCRIPTION

- Nano Technology thermal insulation plaster material.
- High performance, and low thermal conductivity values.
- Energy savings of up to 60%.
- Can be applied on various surfaces, direct on concrete blocks, Bims, MDF, OSB, gypsum board, existing cement base plaster, metal surfaces and more.
- Prevents expansion-contraction, cracking and deterioration.
- Reflects back the radiant heat delivered by the sun, when used on the exterior surfaces,

PRODUCT PERFORMANCE

- Offers up to 60% heat savings, when applied in 3 mm on the interior and exterior surfaces,
- Weather resistant.
- High technology and quality thermal insulation plastering coating for masonry surfaces.
- Can be applied directly to bricks.
- Does not absorb water

KEY FEATURES

- Fire-resistant.
- Non-hazardous and environmentally friendly.
- Easy and quick application.
- Does not require re-plastering following application. Paint may be applied directly.
- Provides water insulation.
- Resistant to acid rain and weathering.
- Significant and long lasting energy savings.

PHYSICAL PROPERTIES

- Gel-form liquid.
- Composed of 0-3micron diameter spheres and industrial additives.
- Insoluble in water.
- Color is off-white.
- Water absorption ratio is 0.003%.



PACKAGING

Delivered as packed in 18 liter PE buckets.



SURFACE PREPARATION

The surfaces to be applied must be cleaned of any dirt, oil, grease, loose particles and other foreign substances. The surface to be applied should be wet prior to Plastercoat for easy application.



APPLICATION INFORMATION

Mode of application: Plastercoat is recommended to be applied on both surfaces, as 3mm on the interior and 3mm on the exterior surfaces for maximum performance. The product is prepared as ready to use, should be well mixed prior to use with a hand/drill mixer. The first coat is applied on the surface with a 3 mm notched trowel, in the vertical or horizontal direction, so as to form a thickness of 3 mm. A second coat should be applied after the first coat has cured. The second coat is applied as filling the 3 mm notches that have been previously formed. The user can apply additional coatings if desired depending on the weather conditions.



COVERAGE AREA

The amount of Plastercoat coverage for a 3 mm plaster is 3 liters on average per m². 1 pail (18 liters) covers an average area of 5.5 m².



CURING & SHELF LIFE – STORAGE

Subject to weather and temperature conditions, the applied surface becomes ready for use within 1.5-2 hours after application. Products sold as Ready to Use should be consumed within 3 months once the seal has been opened. The shelf life of the sealed Plastercoat products is 12 months from date of manufacture.

CLEANING

Following any undesired application, cleaning is possible by washing with water thoroughly before it is dried, taking into consideration the curing period. Meanwhile, surface cleaning for debris, excess material, may be made after the Plastercoat has cured.

SAFETY

Plastercoat does not have any known side effects. It is non-hazardous and environmentally friendly.

GENERAL RECOMMENDATIONS

In case of skin contact, wash with soap and water. In case of eye contact, wash with plenty of water and consult a physician if necessary. To avoid any possible irritations please use standard protective wear.

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