



Transform your project with Suberlev from Falconstema, an innovation in thermal and acoustic insulation.

THERMO-FACHADAS ANTI-INSECT



Technical sheet

DESCRIPTION

Acrylic-based thermal paint and exterior application, contributing to the non-proliferation of annoying insects and prevent their bites. Its innovative technology based on polymer microcapsules does not include biocides. The formula includes only natural products derived from citriodiol and lemon citronella oils, which gives it a high performance. Excellent quality and very low thermal conductivity, due to the incorporation in its formula of hollow microspheres and reflective pigments based on nanotechnology.

APPLICATION

Recommended for:

- Prevent parasites in public health, veterinary and food industry.
- Places where there is a large colony of insects: indoor and outdoor housing, offices, health centers, schools...
- Seamless thermal correction, avoiding thermal bridges.
- Protection and exterior decoration.
- Rooms and premises where energy saving is required, both in cold climates with heating economy or in warm weather, with freshness economy.
- Parts where echo or sound damping is required.
- Moisture removal: minimizes the appearance of mold and fungi on surfaces.
- Gyms, swimming pools and rooms where there is excess condensation of water vapour.

PROPERTIES

- Very effective for all types of insects.
- Thermal insulation and anti-condensation, not favoring heat exchange.
- Breathability, avoiding possible condensation.
- Sound absorbing, exerting a sound dampening effect.
- High covering power and easy application.
- Washable. Excellent color retention and wet rub resistance.

SURFACES

- Concrete, cement, plaster, BA13, wood, galvanized steel, mortar, ceramic brick, stone natural, corrugated sheet, single layer mortar, PVC... Etc.
- Paint and coatings in good condition with good adhesion to the substrate.

SURFACE PREPARATION

- The substrate must be perfectly clean, without traces of dust and completely dry. Sand polished surfaces to open pores.
- Sanitize the degraded supports (poorly glued paints, mold, foam...). In case of mold, foam, etc., first clean the surface with water and bleach and apply **Fungilev**.
- Treat possible defects with **Thermal Mastic**. Use mortar to repair areas of major damage first.
- Check the strength and anchorage of the support with stability tests.
- Apply **Suber-Fix** on dusty surfaces or with excess absorption, allow to dry **for 4 to 6** hours.

INSTRUCTIONS

- **Mixing:** Mix the product well until it is completely homogenized (up to 8-15% clean water can be added if necessary).
- **Application:** Apply with a suitable brush, roller or spray gun. Maximum thickness: 300 - 500 microns.
- **Drying time:** Allow to dry between layers for at least 5 - 6 hours (depending on thickness and humidity).

RECOMMENDED CONSUMPTION

- **0.35 L/m²**
- **Yield:** 5 - 7 m² per litre and layer.
- **Coats:** It is recommended to make 2 - 3 layers, or those necessary to reach 300 to 500 microns of dry layer.

RECOMMENDATION OF USE

- Application temperature between 5 and 45°C.
- Do not apply if there is a risk of frost, direct sun exposure, strong wind or rain.
- Clean tools with water immediately after application.

SALES FORMAT

- 15 L polypropylene Pots. 544.5 kg pallets (33 boxes).
- 4 L polypropylene Pots. 422.4 kg pallets (96 boxes).
- Color White, See Suberlev colour chart, Under technical consultation.

STORAGE

Store in a **cool place**, at a temperature between **5 - 45°C**, away from exposure to sunlight and frost. **Up to 2 years** from the date of manufacture, in the original container sealed and protected from moisture. One open use **within 15 days**

SPECIFICATIONS / TECHNICAL DATA SHEET

- **Color:** White
- **Aspect:** Mat
- **Density:** 1,1 kg/L $\pm$ 5%
- **Microsphere size:** 100 μ m
- **Thermal conductivity of microspheres:** 0,05 W/m K
- **Heat flow test:** Decrease up to 79%
- **Water vapour permeability:** Class I: permeable to water vapour – Standard: EN 1504-2
- **Viscosity:** 60.000 cps 5.000 at 22°C (2.5 r.p.m., sp-6) – Standard: Brookfield LTV
- **Sound absorption:** W= 0,10 – Standard: UNE-EN ISO 354
- **Fire response:** M1 - Standard: UNE 23721
- **Artificial aging (3000 cycles):** No change in appearance, no scratches, no exfoliation, no blisters, no loss of adhesion. Standard: UNE-EN ISO 11507

PRECAUTION

- Keep away from children.
- Prevent the product from sticking and drying on the walls of the container. Lumps would cause gun jams and make application difficult.

STRANDARD

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NOTE

SUBERLEV products must be applied by applicators approved by the manufacturer.

The above information is based on our practical experience and laboratory tests. Given the wide variety of construction materials available and the many application methods beyond our control. It is essential to carry out sufficient practical tests and verifications in each case to ensure the compatibility of the product with each specific application.

