



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

THERMO-INTERIOR ANTIBACTERIAL



Technical sheet

DESCRIPTION

Thermo-Interiores is an interior plastic paint with thermal and antibacterial properties. It is formulated with acrylic copolymers in aqueous dispersion and nanotechnology-based additives. The paint incorporates silver ions that provide the dry coating with resistance against the growth of bacteria and molds.

APPLICATION

Recommended for:

- Painting public facilities, retail spaces, hospitals, nursing homes, hospitality venues, daycare centers, and schools, thanks to its antibacterial action.
- Thermal correction without joints, preventing thermal bridging.
- Interior protection and decoration.
- Rooms and spaces requiring energy savings, both in cold climates (heating costs) and warm climates (cooling costs).
- Areas where echo or sound must be dampened.
- Elimination of humidity: helps minimize the appearance of fungi and mold on surfaces.
- Gyms, swimming pools, and places with excessive water vapor condensation.

PROPRIETES

- **Thermal insulation and anti-condensation:** does not encourage heat exchange.
- **Breathable:** prevents potential condensation issues.
- **Sound-absorbing:** provides a damping effect on sound.
- **Highhiding power and easy application** with good adhesion.
- **Washable** (Class 2): excellent color retention and resistance to wet scrubbing.
- **Good whiteness and low odor** with a smooth finish.
- **Does not spread flame.**

SURFACES

- Concrete, cement, plaster, plasterboard, wood, galvanized steel, mortar, ceramic brick, natural stone, corrugated metal sheet, one-coat mortar, PVC, etc.
- Existing paints and coatings in good condition and well-adhered to the substrate.

SURFACE PREPARATION

- Ensure the substrate is clean, free of dust, and completely dry. Sand polished surfaces to open the pore.
- Remove degraded materials (poorly adhered paints, mold, moss, etc.). If mold or moss is present, clean the surface with water and bleach and apply the **Fungilev fungicide**.
- Repair any defects with **Thermal Mastic**. Use mortar to repair large damaged areas beforehand.
- Check substrate strength and adhesion with appropriate tests.
- On dusty surfaces or substrates with excessive absorption, apply Suber-Fix and allow 4 - 6 hours to dry.

INSTRUCTIONS

- **Mixing :** Mix the product thoroughly until homogeneous (add 8–15% clean water if necessary).
- **Application :** Apply with a brush, roller, or suitable spray gun. Maximum recommended wet film thickness: 300–500 microns.
- **Drying Time :** Allow at least 5–6 hours of drying time between coats (varies with thickness and humidity).

RECOMMENDED CONSUMPTION

- Approximately **0.35 L/m²**.
- **Yield:** 4–6 m² per liter per coat.
- **Coats:** 2–3 coats (or as necessary) to achieve 300–500 microns of dry film thickness.

RECOMMENDATION OF USE

- Application temperature: **5–45 °C**.
- Do not apply if there is a risk of frost, under direct sunlight, in strong winds, or in rainy conditions.
- Clean tools immediately with water after use.

SALES FORMAT

- **15 L** polypropylene pails. Pallet of 33 pails (544.5 kg).
- **4 L** polypropylene buckets. Pallet of 96 buckets (422.4 kg).
- White color, other NCS chart colors available upon 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
- **Appearance:** Matte silky
- **Density:** 1.1 kg/L $\pm$ 5%
- **Microsphere size:** 20 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
- **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 out of reach of children.
- Prevent the product from drying on the walls of the container. Clumps may form and block the spray gun or complicate application.

STRANDARD

Water vapour permeability: EN 1504-2
Viscosity: Brookfield LTV
Reaction to fire: UNE 23721
Artificial aging (3000 cycles): UNE-EN ISO 11507

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.

