



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

THERMO-INTERIOR SHIELD



Technical sheet

DESCRIPTION

Acrylic interior paint, formulated with hollow microspheres and nano-based reflective pigments. Excellent quality and very low thermal conductivity.

APPLICATION

Recommended for:

- Seamless thermal correction, avoiding thermal bridges.
- Protection and interior decoration.
- Rooms and premises where energy saving is required, both in cold climates with heating economy or in warm weather, with frigories 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

- Thermo-insulating and anti-condensation
- Does not promote heat exchange,
- Soundproofing,
- Absorbs sound,
- Sound damping effect,
- High coverage and simple application,
- Washable,
- Excellent colour retention and wet friction resistance.

SURFACES

- Concrete, cement, plaster, BA13, wood, galvanized steel, mortar, ceramic brick, natural stone, corrugated sheet, expanded polystyrene (EPS), extruded polystyrene (XPS), monolayer mortar, PVC, glass, stoneware, mosaic.
- 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., Clean the surface with water and bleach beforehand, then apply Fungilev fungicide.
- **Treat** possible defects with Thermal Sealant. Use mortar to pre-repair areas with major damage.
- **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 completely homogenized (up to 8-15% clean water can be added if necessary).
- **Application:** Apply with appropriate 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:** 4 - 6 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 - 45°C
- Do not apply with risk of frost, direct sunlight, strong wind or rain.
- Clean tools with water immediately after application

SALES FORMAT

- 15 L polypropylene Pots from. Pallets of 544.5 kg (33 pots).
- 4 L polypropylene buckets. Pallets of 440 kg (100 pots).
- 4 L polypropylene 96 kg (422.4 pots) pallets.
- Gama of **24 colors** to make gradients, See the color chart of Suberlev under the advice of a technician

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

- **Colour:** White, TR base
- **Aspect:** Mat
- **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 - Standard: EN 1504-2
- **Viscosity:** 60,000 $\pm$ 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** 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

Water vapour permeability: EN 1504-2
Viscosity: Brookfield LTV
Reaction to fire: UNE 23721
Artificial aging (3000 cycles): UNE-EN ISO 11507
Certified by AIDICO according to the standard UNE-EN 7783/2.
Fire reaction standard UNE 23727:90.
Sound absorption coefficient UNE-EN ISO 354:2004 LGAI Technological center
Sound absorption certificate: ISO 354:2023

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.

