



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

THIN PROJECTED CORK FOR FACADES AND INTERIORS



Technical sheet

DESCRIPTION

A single-component coating formulated with expanded natural cork granules, solvent-free resins, and high-stability inorganic pigments for outdoor use.

APPLICATION

Recommended for:

- Eliminating capillary moisture on interior skirting boards.
- Decorating interiors and facades.
- Thermal correction without joints, preventing thermal bridging.
- Improving interior acoustics:
 - Reducing echo and reverberation.
 - Damping impact noise.
 - Absorbing airborne noise.

PROPERTIES

- Breathable, preventing condensation.
- Anti-slip surface.
- Pedestrian traffic resistance.
- Highweather resistance.
- Elasticity to prevent shrinkage cracks.
- Long-lasting durability.
- Washable.

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 surfaces.

SURFACE PREPARATION

- The surface must be clean, dust-free, and completely dry.
- Remove degraded surfaces (poorly adhered paint, mold, moss, etc.).
- Repair defects with **Thermal Mastic**.
- **Apply Suber-Fix** on dusty or highly absorbent surfaces.

INSTRUCTIONS

- **Mixing:** Mix the product thoroughly with a high-speed industrial mixer for 3–5 minutes until a homogeneous paste is achieved (add up to 200 mL of clean water if necessary).
- **Application:** Use an air compressor with a minimum flow rate of 250 L/min and a Suberlev spray gun with a 5.50 mm nozzle, or Suberlev projection machines.
- **Projection technique:** Spray at a distance of 40–60 cm from the surface, perpendicular to it, applying two or more coats.
- **Drying Time :** Allow a drying time of at least 4–6 hours between coats at 20°C (this may vary depending on thickness and humidity).
- **Finition :** It can be sanded, filled, varnished, painted, plastered, or left as applied.

RECOMMENDED CONSUMPTION

- **2 kg/m²** (two or more coats).
- **7-11m²** per 16 L Pot (two or more coats).
- **1 kg** of product equals a thickness of 1.15 mm/m² (one coat).

RECOMMENDATION OF USE

- Application temperature: 5 - 45°C.
- Do not apply under risk of frost, direct sunlight, strong wind, or rain.
- Clean tools with water immediately after application.

SALES FORMAT

- **12 kg** Polypropylene cans (16 L \pm 8%, depending on colour). Pallets of 33 cans (396 kg).
- Range of **27 colours*** and natural base, see the SUBERLEV colour chart, under technical consultation.

* The final colour may vary slightly depending on the production batch. This is due to the fact that cork is a natural raw material, and its different degrees of absorption or moisture can affect the final color. It is therefore recommended to use the same manufacturing position per site.

STOCKAGE

- Store in a cool place, between 5 - 45°C, avoiding direct sunlight.
- Shelf life: Up to 2 years from the manufacturing date in its original sealed container, protected from moisture.
- Once opened, use within 15 - 20 days.

SPECIFICATIONS/ TECHNICAL DATA

- **Physical condition at 20°C:** Pasta
- **Grain size:** 0,1 – 0,4 mm.
- **Density:** 0,80 kg/L ± 8%
- **Allowed expansion:** 25 - 46% of thickness
- **Thermal conductivity:** 0,059 W/m.K - Standard: EN 12667
- **Heat flow test: Significant decrease:** 69,15%
- **Water vapor permeability:** Class I – Standard : EN 1504-2
- **Water permeability:** $0,05 \text{ kg}/(\text{m}^2 \text{ h}^{0,5}) < 0,1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0,5})$ – Standard: UNE-EN 1062-3
- **Direct tensile adhesion:** 0,9 MPa – Standard: UNE-EN 1542
- **Sound absorption class:** Type E – Standard: UNE-EN ISO 354
- **Skid resistance:** Class 3 (Recommended for all surfaces) – Standard: UNE-ENV 12633
- **Artificial aging (3000 cycles):** No change in appearance, no scratches, no exfoliation, no blisters, no loss of adhesion. Standard: UNE-EN ISO 11507
- **Fire resistance:** Euroclass B - s1 - d0 – Standard: UNE-EN 13501 1+A1
- **CE Marked:** Obtained - Standard: UNE-EN 1504-2

PRECAUTION

- Keep out of reach of children.
- Prevent the product from drying on the container walls, as clumps may clog the spray gun.
- Do not eat, drink, or smoke during application.
- CP-14natural base is not recommended as a final exterior finish but can be used as a base or intermediate layer.

STANDARD

Thermal conductivity: EN 12667
Water vapour permeability: EN 1504-2
Water permeability: UNE-EN 1062-3
Adhesion by direct traction: UNE-EN 1542
Sound absorption class: UNE-EN ISO 354
Skid resistance: UNE-ENV 12633
Artificial aging (3000 cycles): UNE-EN ISO 11507
Fire resistance: UNE-EN 13501 1+A1
CE marked compliance: UNE-EN 1504-2

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.

