



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

NOVOSUBER

NATURAL PROJECTED CORK (PASTE)



Technical sheet

DESCRIPTION

Single-component coating formulated with natural cork granules, solvent-free resins, and inorganic pigments featuring high exterior stability.

APPLICATION

Recommended for:

- **Eliminates** capillary dampness on interior and exterior base boards.
- **Thermal correction** without joints, preventing thermal bridges.
- **Prevents** facade degradation.
- **Eliminates** condensation drips.
- **Improves** airborne, impact, and reverberation noise insulation.
- **Enhances** interior thermal efficiency:
 - Reduces heat and cold loss.
 - Solves mold, fungus, and condensation issues.

PROPERTIES

- Non-toxic
- Breathable
- Excellent adhesion on multiple substrates
- Biodegradable
- Highly weather-resistant
- Elastic, preventing shrinkage cracks
- Durable over time
- Washable

SURFACES

- Concrete, cement, plaster, drywall, fiber cement, wood, galvanized steel, mortar, ceramic brick, natural stone, corrugated metal sheet, expanded polystyrene (EPS), extruded polystyrene (XPS), single-layer mortar, PVC, etc.
- Paints and coatings in good condition and with good substrate adhesion.

SURFACE PREPARATION

- Ensure the surface is **clean, free of dust**, and **completely dry**.
- **Repair degraded** areas (e.g., poorly adhered paints, mold, moss).
- **Correct defects** with Thermal Mastic (**Masilla Térmica**).
- Apply **Suber-Fix** on **dusty surfaces** or those with excessive absorption.

INSTRUCTIONS

- **Mixing:** Mix thoroughly using a high-quality industrial mixer at high speed for 3–5 minutes until a homogeneous paste is obtained. (Up to 250 mL of clean water may be added if necessary.)
- **Application:**
 - Use an **air compressor** with a minimum flow of 250 L/min and a **Suberlev spray gun** with a 5.50 mm nozzle or a **Suberlev projection machine**.
 - Spray at a distance of 40–60 cm from the surface, perpendicular to it, in two or more coats. 4. Allow **4–6 hours** of drying time at 20 °C between coats (may vary depending on thickness and humidity).
- **Finishing:** Once applied, it may be sanded, filled, varnished, painted, rendered, or left as it is.

RECOMMENDED CONSUMPTION

- **5 - 8m²/15L** (two coats) to achieve a thickness of 2 - 2.5 mm.
- **1 kg** of product covers approximately 1.4 mm/m².
- For thermal or acoustic correction, a 3 - 4 mm layer is recommended.
- Coverage may vary depending on the substrate and the required application.

RECOMMENDATION OF USE

- **Application temperature:** 5–45 °C.
- Do not apply in freezing conditions, direct sunlight, high winds, or rain.
- Clean tools with **water** immediately after use.

SALES FORMAT

- **17.5 L** polypropylene pails, pot 16 L $\pm$ 8% of product (depending on color). Approximate weight: 12 kg.
- **15 standard colors** + 2 base colors (off-white and natural cork).

*The final color may vary slightly between batches due to cork's natural characteristics (absorption, moisture). It is recommended to use the same batch for a single project..

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. Once opened, use within 15 to 20 days.

SPECIFICATIONS / TECHNICAL DATA

- **Appearance:** Paste
- **Color:** Natural cork. See NovoSuber colour chart
- **Grain size:** 0,4 – 0,6 mm
- **Density:** 0,75 kg/L $\pm$ 8%
- **Allowed expansion:** 55 - 65% 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 1062 - 3
- **Adhesion to concrete:** 0,9 MPa – Standard: EN 1542
- **Adhesion to metal:** 1,3 MPa – Standard: EN 1542
- **Sound absorption class:** Type E – Standard: UNE-EN ISO 354
- **Artificial aging (3000 cycles):** no change in appearance, no scratches, no exfoliation, no blisters - Standard: UNE-EN ISO 11507:2007
- **Fire resistance:** M1 – Standard: UNE 23721:90

PRECAUTION

- Keep out of reach of children.
- Prevent the product from sticking and drying on the container walls, as lumps may clog the spray gun.
- The CP-14 natural base is not recommended as a final exterior finish; it may be used as a base coat or intermediate coat.
- No special handling precautions are required.

STANDARD

Thermal conductivity: EN 12667
Water vapour permeability: EN 1062-3
Adhesion to concrete: EN 1542
Adhesion to metal: EN 1542
Sound absorption class: UNE-EN ISO 354
Artificial ageing (3000 cycles): UNE-EN ISO 11507:2007
Fire resistance: UNE 23721:90

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.

