



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

NATURAL PROJECTED CORK ECO FOR ROOFS AND FACADES



Technical sheet

DESCRIPTION

One-component coating formulated based on expanded natural cork granules, resins, solvent-free and inorganic dyes with high stability to the outside.

EN 1504 - 2

APPLICATION

Recommended for:

- Rainwater proof.
- Seamless thermal correction, avoiding thermal bridges.
- Acoustic improvement of airborne noise, impact and reverberation.
- Encapsulation of asbestos fibro-cement on roofs.
- Avoids capillary retraction on interior and exterior skirting boards
- Facade decoration.

PROPERTIES

- Breathability,
- Avoiding possible condensation,
- Anti-slip,
- Pedestrian practicability,
- high resistance to weather,
- Elasticity,
- Preventing the appearance of cracks by retraction,
- Durability over time and 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 substrate.

SURFACE PREPARATION

The surface must be firm, clean, and free of loose particles. Follow these steps:

- **Cleaning:**
 - Thoroughly clean all surfaces using mechanical methods. Remove any mold, moss, loose parts from old paint, grease, and dust.
 - Do not use pressurized water or chemical products to avoid introducing moisture that could lead to problems during application.
- **Checking for Moisture:**
 - Ensure the substrate is completely dry. Allow sufficient time for all areas to dry before proceeding.
 - Perform moisture and stability tests on the substrate as needed.
- **Repairing Damaged Areas:**
 - Fix cracks, expansion joints, and uneven surfaces using SUBERLEV Thermal Mastic recommended for exterior use.
 - Apply with a spatula or trowel to cover cracks or irregularities.
- **Priming (If Necessary):** In surfaces prone to dust or with excessive absorption, apply Suber-Fix primer.

Important: On large surfaces, plan suitable interruption lines near joints, downspouts, edges, corners, or arrange for appropriate technical joints to avoid application issues.

INSTRUCTIONS

- **Preparation of the Product:**

- Open the can and homogenize SUBERLEV Natural Cork Spray with a professional mixer at high speed for 3–5 minutes.
- If needed, add a little water about 200 ml to improve fluidity and mixing.

- **Equipment:**

- Use an air compressor with a minimum capacity of 250 liters/minute.
- Use appropriate air hoses with quick-release connectors.

- **Application Tool:** Apply with a spray gun designed for cork spray, fitted with a 5.5 mm nozzle.

- **Spraying Technique :**

- Spray at a distance of approximately 40–60 cm from the substrate.
- Apply in cross-coats (minimum of two coats recommended).

- **Drying Time Between Coats :**

- Allow at least 4 to 6 hours between coats.
- Drying time may vary depending on humidity, ventilation, and the thickness of the applied layer.

- **Finishing :** Once the application is complete, the surface can be sanded, filled, varnished, painted, plastered, or left as it is.

RECOMMENDED CONSUMPTION

- **2 kg/m² to 2,5 kg/m²** for two or more coats. Decorate, regularize, waterproof.
- **6–10 m²** per pot for two or more coats.
- **1 kg** of product corresponds to a thickness of 1.15 mm/m² in a single coat.

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

- Polypropylene Pots of **12 kg** (17,5 L 8%, depending on colour). Pallets of 396 kg (33 cans).
- Range of **27 colours*** and natural base, see the SUBERLEV color chart, under technical consultation.

* The final colour may vary slightly depending on the production batch. This is because 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.

SPECIFICATIONS / TECHNICAL DATA

- **Physical condition at 20 °C:** Pasta
- **Grain size:** 0,9 mm
- **Density:** 0,70 kg/L \pm 8%
- **Allowed expansion:** 62 - 67% 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 kg/(m² h^{0.5}) < 0.1 kg/(m² 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 (suitable 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
- **Encapsulation of asbestos fibre:** Prevents dispersion of asbestos fibre – Standard: UNI 10686
- **CE Marked:** Obtained - Standard: UNE-EN 1504-2

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 open consume in 15-20 days.

PRECAUTION

- Keep out of reach of children.
- Prevent the product from adhering and drying on the container walls. Formed lumps could clog the spray gun and hinder application.
- Do not eat, drink, or smoke during application.
- The **CP-14 natural base** is not recommended as a final exterior finish. It is best used as a base or intermediate coat.

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.

