



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

NOVOSUBER DRY

Natural projected Cork - thick layer



Technical sheet

DESCRIPTION

Single-component coating formulated with natural cork granules and dehydrated resins, free of solvents or chemical additives. Suitable for both interior and exterior surfaces, including roofs and façades, when combined with the recommended finish:

- Interiors: Thermo-Interiors
- Facades: Thermo-Facades
- Roofs: Thermo-Roofs

APPLICATION

Recommended for:

- Decorating and leveling substrates.
- Thermal correction.
- Preventing façade degradation.
- Improving acoustic performance.
- Waterproofing (with an additional application of 1.5–2.0 L/m² of Thermo-Roofs).

PROPERTIES

- Non-toxic
- Breathable
- Excellent adhesion on a wide variety of substrates
- Biodegradable
- Highweather resistance
- Flexible
- Long-lasting durability
- Easy to transport
- Supplied in dry form, allowing for a long shelf life

SURFACES

- Concrete, cement, plaster, gypsum boards, fiber cement, wood, galvanized steel, mortar, ceramic brick, natural stone, corrugated metal sheets, expanded polystyrene (EPS), extruded polystyrene (XPS), monocapa mortar, PVC, etc.
- Existing paint and coatings that are in good condition and show good substrate adhesion.

SURFACE PREPARATION

- Ensure the surface is perfectly clean, free of dust, and completely dry.
- Remove any degraded materials (poorly adhered paint, mold, moss, etc.).
- Repair defects using Thermal Putty (Suberconfort Dry).
- Apply Suber-Fix on dusty surfaces or surfaces with excessive absorption.

INSTRUCTIONS

- **Mixing:**
 - Add **7 L (±5%) of water** for every **15L** bag of **Novosuber Dry**.
 - Thoroughly mix using a high-speed industrial mixer for 3–5 minutes, until a homogeneous paste is obtained.
- **Equipment:** Use an air compressor with a minimum flow rate of **250 L/min** and a Suberlev spray gun fitted with a **7.00 - 8.00 mm** nozzle, or **Suberlev projection machines**.
- **Application:** Spray at a distance of **40 - 60 cm** from the surface, holding the gun perpendicular to the substrate. It can be applied in one or more coats, with each coat not exceeding 10 mm.
- **Drying:** Allow to dry for a minimum of **12 hours at 20 °C** (time may vary depending on thickness, humidity, and substrate absorption).
- **Finishing:** The finished product may be covered with tiles, sanded, skimmed, rendered, filled, or painted over.

Recommended Paint Consumption :

- **Thermo-Roofs:** 1.5–2.0 L/m²
- **Thermo-Facades:** 0.5 L/m²
- **Thermo-Interiors:** 0.35 L/m²

RECOMMENDED CONSUMPTION

- **Thickness:** 5 - 15 mm
- **Yield:** One **15L** bag covers :
 - **1 m²** at **15 mm** thickness (finished product).
 - **3 m²** at **5 mm** thickness (finished product).

RECOMMENDATION OF USE

- Apply at temperatures between **5 - 45 °C**.
- Do not apply if there is a risk of frost, direct sunlight, strong wind, or rain.
- Clean tools with water immediately after application.

SALES FORMAT

- A bag of 15L

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

- **Appearance:** Powder
- **Colour:** Natural cork
- **Grain size:** 0.8 - 1.0 mm
- **Thermal conductivity:** 0.052 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
- **Adhesion to metal:** 1.3 MPa
- **Fire resistance:** Flame retardant

PRECAUTION

- Keep out of reach of children.
- Prevent the product from sticking and drying on the walls of the container; lumps may form that can clog the spray gun and make application difficult.

STANDARDS

Thermal conductivity: EN 12667
Water vapor permeability: EN 1062 -3

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.

