



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

MICROLEV MICROCEMENT



Technical sheet

DESCRIPTION

Thin-layer coating formulated with natural cork granules, micronized cements and metakaolins, high-quality resins, and natural inorganic pigments. Flexible and ideal for floors, walls, and ceilings.

Microlev Microcement is a thin-layer coating composed of:

- Natural cork granules
 - Micronized cements and metakaolins
 - High-quality resins
 - Natural inorganic pigments
- Its flexibility makes it perfect for floors, walls, and ceilings.

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APPLICATION

Recommended for:

- Decorative finishing layer for floors and walls
- Continuous surface without joints
- Thermal deficiency solutions: helps prevent mold, fungi, and condensation
- Acoustic improvement: reduces airborne noise, impact noise, and reverberation
- Plastering and smoothing of irregular substrates (e.g., stippled (gotelé), ceramic materials, etc.)

PROPERTIES

- Breathability: helps avoid condensation
- Watervapor permeability
- Waterandmoisture resistance
- Elasticity: minimizes the appearance of shrinkage cracks
- Excellent adhesion to all types of surfaces, even those with significant structural movement, thanks to its high flexibility

SURFACES

- Concrete, cement, plaster, plasterboard, wood, galvanized steel, mortar, ceramic brick, natural stone, corrugated metal sheets, expanded polystyrene (EPS), extruded polystyrene (XPS), single-layer mortar, PVC, glass, stoneware, mosaic tile, clay tile, etc.
- Paint and coatings in good condition and with good adhesion to the substrate

SURFACE PREPARATION

- Ensure the substrate is perfectly clean, free from dust, and completely dry.
- Repair and remove any degraded areas (poorly adhered paint, mold, moss, etc.).
- Ondusty or sandy surfaces, brush beforehand and apply Suber-Fix.
- For cracks, widen the crack first, remove dust, then apply Suber-Fix.
- Next, apply Thermal Mastic, making sure no air pockets remain inside. Use mortar to repair major defects in the substrate before applying Microlev Microcement.

INSTRUCTIONS

- **Mixing:** Mix the product thoroughly using a low-speed industrial mixer for 3–5 minutes until a homogeneous paste is obtained. If needed, up to 200 mL of clean water can be added per 15 L container.
- **Application:** Apply very thin layers using a trowel, spatula, or suitable spray gun. An overall thickness greater than 2 mm is not recommended, as it may lead to cracking.
- **Drying Time :** Allow to dry for at least 20–24 hours at 20 °C (depending on thickness and humidity) before applying the next coat.
- **Finition:** Once dry, the surface can be:
 - Painted (using water-based paints)
 - Varnished
 - Sanded(with 60–120 grit)
 - Tiled over
 - Left as it is

RECOMMENDED CONSUMPTION

- 1,00 kg/m²/mm.

RECOMMENDATION OF USE

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

SALES FORMAT

- 10 L (9.4 kg) polypropylene cans.
- Pallets of 42 cans (394.8 kg).

STOCKAGE

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.

SPECIFICATIONS / TECHNICAL DATA

- **Appearance and Colour:** See Suberlev color chart
- **Aspect:** Pasta
- **Density:** 1.06 kg/L $\pm$ 5%
- **pH:** 7.8 $\pm$ 1
- **Thermal conductivity:** 0.059 W/m.K - Standard: EN 12667
- **Water vapor permeability:** Class I – Standard: EN 1504-2
- **Water permeability:** 0.006 kg/(m² h^{0.5}) < 0.1 kg/(m² h^{0.5}) – Standard: UNE-EN 1062-3
- **Direct traction adhesion:** 1.0 MPa – Standard: UNE-EN 1542
- **CE Marked:** Obtained - Standard: UNE-EN 1504-2

PRECAUTION

- Keep out of reach of children.
- Prevent the product from drying and sticking to the container walls, as lumps may clog spray guns and impede application. If that occurs, use solvent to soften the material and mechanical methods to remove it.
- Dispose of any left overs according to local and national regulations.
- Not recommended as a final exterior finish; it **can be used** as a base or **intermediate coat**.

STANDARD

EN 12667
EN 1504-2
UNE-EN 1062-3
UNE-EN 1542
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.

