



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

FLEXILEV ECO GLASS FIBER-REINFORCED MORTAR



Technical sheet

DESCRIPTION

Lightweight, **fiber-reinforced mortar**, factory-produced from hydraulic lime binders, lightweight expanded minerals, selected rounded silica, cement, **glass fibers**, and dehydrated resins. It is designed for easy manual or machine application.

EN 998-1

APPLICATION

Recommended for:

- Smoothing and creating a smooth finish over Thermolev ECO insulation.
- Adhesive for External Thermal Insulation Composite Systems (ETICS) with cork boards, Neopor, EPS, rock wool, etc.
- Leveling mineral-based interior and exterior substrates.
- Correcting common issues and pathologies caused by premature substrate degradation, such as mold and fungus.
- Repairing façades.
- Interior and exterior decoration, offering a range of color possibilities.

PROPERTIES

- Easy application
- Excellent finish quality
- Durable over time
- Levels and smooths out irregularities in the substrate, preventing further degradation
- Breathable
- Non-toxic
- Biodegradable
- Water-repellent
- Weather-resistant
- Retains moisture by capillarity while allowing the wall to breathe
- Permits capillary moisture to transpire in interior and exterior plinths

SURFACES

- Interior and exterior substrates based on lime, cement, or conventional bricks that are clean, compact, absorbent, and of mineral origin.

SURFACE PREPARATION

- The substrate must be solid, free of loose particles, and clean.
- It is recommended to moisten the substrate with clean water.
- For large surfaces, plan for suitable interruptions near joints, downpipes, corners, edges, or other appropriate technical joints.
- Drying time between coats depends on substrate absorption, ambient temperature, air circulation, and relative humidity

INSTRUCTIONS

- **Mixing:**
 - Mix FLEXILEV ECO thoroughly with 5–6 L of clean water per bag (depending on the application method). Use a mixer or a forced-action mixer until a dense, homogeneous paste is obtained.
 - Let it rest for 1–2 minutes and then remix.
- **Application:**
 - Apply **Flexilev ECO** mortar can be applied with a trowel, brush or **Suberlev** spray equipment.
 - Dampen the substrate and the tools before application.
- **Finishing:** Once the mortar is applied, give it the desired finish using a float or a Venetian stucco-style trowel.

RECOMMENDED CONSUMPTION

- 1,10 - 1,20 kg/m² and mm of thickness

RECOMMENDATION OF USE

- Application temperature between 5 and 35°C
- Do not apply with risk of frost, direct sunlight, strong wind or rain.
- Avoid working with excessive wind, direct sun and rain during drying.
- Clean the tools with water immediately after application. If not, you can use mechanical means to remove them.
- For debris disposal, apply local and national regulations.

SALES FORMAT

- 12 kg bags (approx. 15 L volume) ± 5%

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. One open use within 15 days.

SPECIFICATIONS / TECHNICAL DATA

- **Color** : Off-white
- **Appearance** : Paste
- **Grain Size** : ≤ 0.2 mm
- **Theoretical Consumption**: 1.10 kg/m²/mm
- **Thinner**: 5 to 6 L of water per bag
- **Thermal Conductivity**: 0.083 W/m.K - Norme EN 12667
- **Compressive strength**: 7 N/mm² - Norme EN 1015-11
- **Water Resistance under Backpressure**: > 1.5 bar
- **Capillarity**: W2 - Norme: EN 1015-18
- **Bending Strength**: 2.50 N/mm² - EN 1015-11
- **Fire Resistance**: Class A1
- **Maximum Thickness**: per Coat 3–4 mm, depending on manual or machine application
- **Drying Time**: 4 -6 hours - Depending on absorption and humidity
- **Working Time**: 0.45–1.15 hours

PRECAUTION

- Keep out of reach of children.
- Product intended for professional use.
- Irritating to eyes and respiratory tract.
- Avoid contact with skin.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear appropriate protective clothing

STANDARD

Thermal Conductivity: EN 12667
Compressive strength: EN 1015 – 11
Bending Strength : EN 1015 - 11
Capillarity: EN 1015 – 18
Fire Resistance: Classe A1
Certificat en absorption acoustique : ISO 354 :2023
CE 18 NEIN. DoP : 06 UNE-EN 998-1

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.

