FALCON STEMA
NATURAL TECHNOLOGY

SUBERLEV THERMAL PUTTY

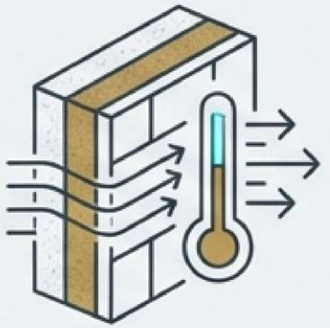
TECHNICAL APPLICATION GUIDE

Natural Technology: Innovation in thermal and acoustic insulation.

SCOPE OF APPLICATION

Compatible Substrates

- Concrete
- Gypsum & Drywall
- Wood
- Ceramic Brick
- EPS / XPS
- Galvanized Steel



THERMAL CORRECTION

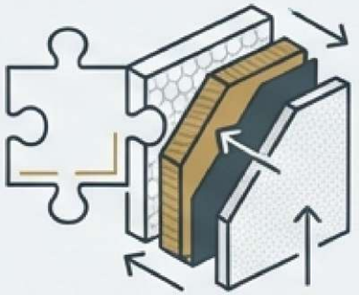
Filling thermal bridges at slab fronts and pillars.

RESTORATION

Smoothing popcorn textures (gotelé) or ceramic materials.

PROTECTION

Facade preservation against cracks and dampness.



ASSEMBLY

Thermal adhesive in ETICS/SATE systems.

01. SURFACE PREPARATION

The Foundation

THE GOLDEN RULE: Surfaces must be thoroughly clean, dry, and free of dust, moss, or mold. Remove poorly adhered paint.

CONDITION: Dusty or Sandy Surfaces

ACTION: Brush thoroughly + Apply Suber-Fix Primer.

CONDITION: Cracks & Fissures

ACTION: Widen crack → Clean → Prime (Suber-Fix) → Fill with Thermal Putty.

02. MATERIAL PREPARATION

EQUIPMENT:
Low-speed industrial mixer.

PROCESS:
Mix for 3–5 minutes until homogeneous paste.

CRITICAL:
Prevent drying on container walls to avoid lumps.

ADJUSTMENT:
Max 200 mL clean water per 15L container.

Reference
Mixing Instruction: Use a low-speed mechanical mixer. Mix the cork paste thoroughly for 3 to 5 minutes until a completely homogeneous, lump-free paste is obtained. Avoid the product drying on the container's walls during the process. A maximum of 200 mL of clean water can be added per 15L container if necessary to adjust the consistency.

03. ENVIRONMENTAL CONSTRAINTS

PROHIBITED CONDITIONS

No Frost Risk

No Direct Intense Sunlight

No Strong Wind or Rain

STORAGE: 5-45°C in a cool place. Shelf life up to 2 years.

04. APPLICATION TECHNIQUE

MAX 2 mm

THICKNESS PER LAYER

Exceeding this limit risks cracking due to shrinkage.

TOOLS & METHOD

Spatula / Trowel

Suberlev Projection Machine

Spread in very thin layers.

STORAGE: 5-45°C in a cool place.
Shelf life up to 2 years.

05. CURING & LAYERING

LAYER 1

DRYING: 4-6 HOURS (at 20°C)

LAYER 2

THEORETICAL CONSUMPTION

1.20 kg/m²

per mm of thickness

STANDARD APPLICATION

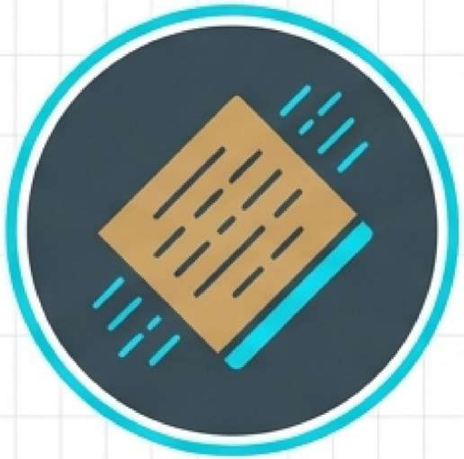
~2.0 kg/m²

Total for 2+ coats

STORAGE: 5-45°C in a cool place. Shelf life up to 2 years.

06. POST-APPLICATION & FINISH

PAINT
(Water-based)



SAND
(Grit 60-120)

TILE OVER

VARNISH

NATURAL FINISH

NOTE: Not recommended as a final exterior finish without protection.
Use as a base or intermediate layer.

Clean tools with water immediately.

TECHNICAL SPECIFICATIONS

Data Snapshot

Density	**1.06 kg/L (± 5%)**
Thermal Conductivity	**0.059 W/m.K (EN 12667)**
Elasticity	**High Flexibility**
Adhesion (Direct Traction)	**1.0 MPa**
Permeability	**Class I (Water Vapor Permeable)**

STORAGE: 5-45°C in a cool place.
Shelf life up to 2 years.

Help Us Help You

Innovation in Protection.

The information provided is based on extensive practical experience and laboratory tests.
Practical tests are recommended to ensure compatibility for each specific application.