

The Natural Revolution in Building Protection

Introducing Suberlev: The High-Performance
Sprayed Cork Coating for Ecological Facades
and Roofs.





Where Nature's Ingenuity Meets Advanced Engineering

Suberlev is a single-component ecological coating that transforms building envelopes. It is formulated from a precise blend of:



- **Vaporized Natural Cork Granules:** Providing natural insulation, elasticity, and a unique texture.



- **Cutting-Edge Water-Based Resins:** Ensuring exceptional adhesion, durability, and weather resistance.



- **Highly Stable Inorganic Dyes:** For long-lasting, customizable color finishes.



Key Proposition

A single product that decorates, waterproofs, and provides thermal and acoustic insulation.

A Multi-Functional Shield for Complete Building Protection

Suberlev delivers four essential protections in one seamless, eco-friendly application, backed by a 10-year warranty.



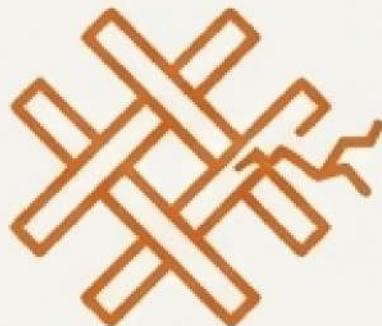
Thermal & Energy Efficiency

Eliminates thermal bridges and dramatically reduces heat flow for year-round energy savings.



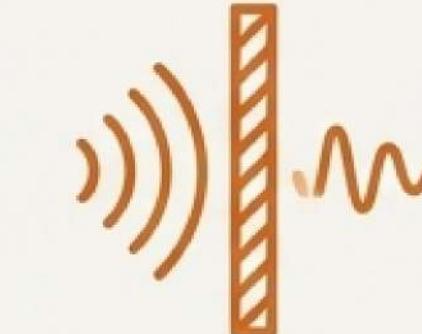
Waterproofing & Breathability

Provides robust protection against rain and dampness while allowing the structure to breathe, preventing condensation.



Durability & Safety

Offers superior elasticity to prevent cracks, strong adhesion, and certified fire and slip resistance.



Acoustic Comfort

Significantly improves acoustic absorption, reducing airborne noise, impact sounds, and reverberation.

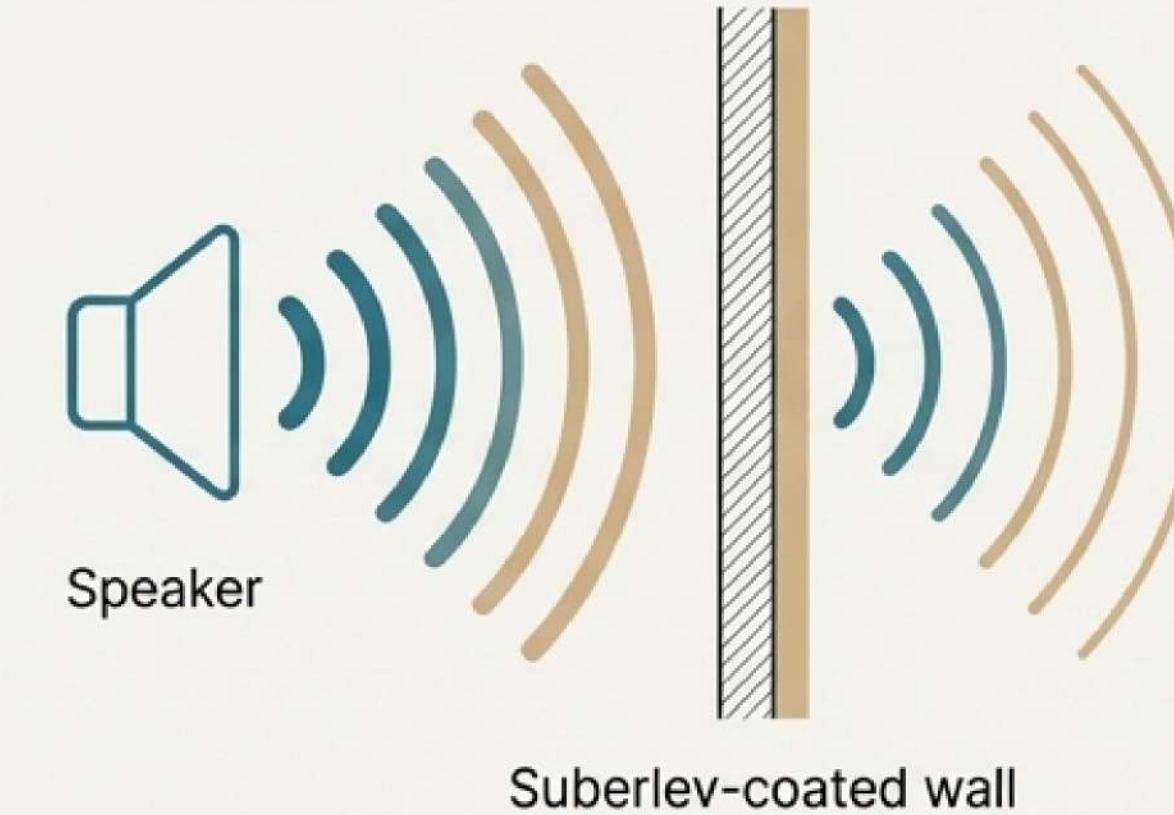
Lock in Comfort, Lock Out Energy Waste

Superior Thermal Insulation



- 🌡️ **Key Metric:** Thermal Conductivity of 0.059 W/m·K (Standard: EN 12667).
- 💡 **Benefit:** Seamless application eliminates thermal bridges, leading to significant energy cost reductions and stable indoor temperatures.

Enhanced Acoustic Performance

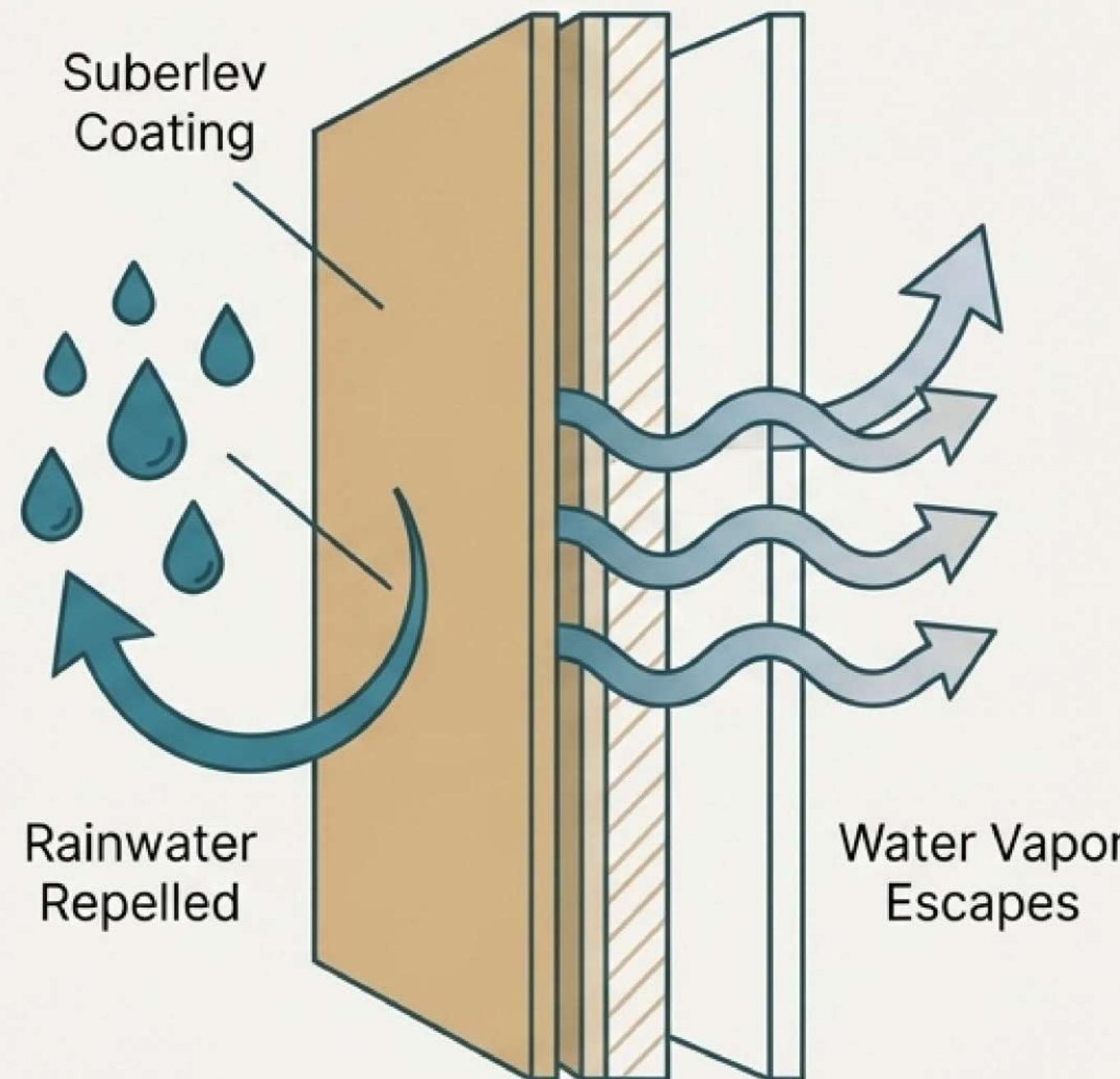


- 🔊 **Key Metric:** Type E Sound Absorption Class (Standard: UNE-EN ISO 354).
- 💡 **Benefit:** Ideal for reducing airborne noise, impact sounds, and reverberation in residential and commercial spaces.

The Ultimate Defense Against Water and Moisture

Certified Waterproofing

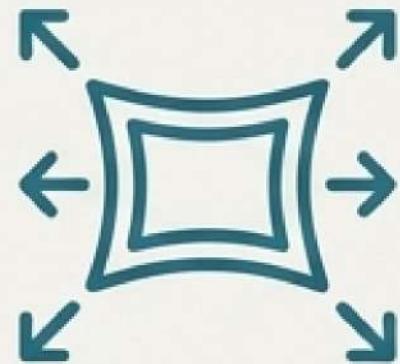
- **Key Metric:** Water Permeability: $0.05 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ (Standard: UNE-EN 1062-3).
- **Benefit:** Protects facades and roofs against rainwater ingress. Prevents capillary dampness on interior and exterior baseboards.



Essential Breathability

- **Key Metric:** Water Vapor Permeability: Class I (Standard: EN 1504-2).
- **Benefit:** Allows water vapor to escape from the substrate, avoiding harmful condensation buildup within the building structure.

Engineered for Long-Term Durability and Safety



Elasticity

Prevents shrinkage cracks with 55-65% permitted expansion.



Adhesion

Excellent bond strength of 0.9 MPa (Standard: UNE-EN 1542).



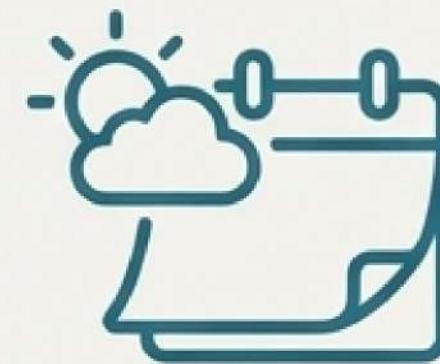
Fire Safety

Certified Euroclass B-s1-d0 (Standard: UNE-EN 13501-1+A1).



Slip Resistance

Class 3 rating, suitable for walkable pedestrian traffic on roofs (Standard: UNE-ENV 12633).



Weather Resistance

No change in appearance or adhesion after 3000 cycles of artificial aging.

A Versatile Solution for Critical Building Challenges



Asbestos Encapsulation

- **Function:** Safely encapsulates asbestos-containing fiber cement roofs, preventing the dispersion of harmful asbestos fibers.
- **Compliance:** Meets UNI 10686 standard for encapsulation.
- **Benefit:** A cost-effective and safe alternative to complete roof removal and replacement.

Ideal For:

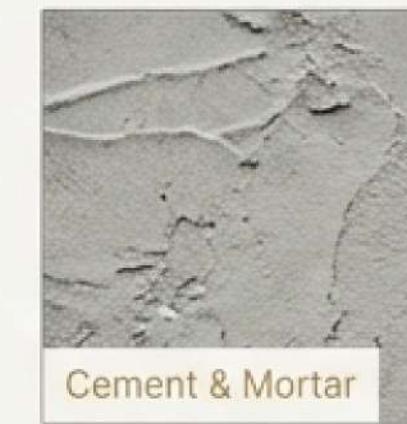
- New residential and commercial construction.
- Renovation of facades and roofs.
- Projects requiring sustainable materials with a decorative finish.
- Interior/exterior baseboards prone to moisture.

Unmatched Adhesion Across a Wide Range of Substrates

Suberlev is designed for seamless application on virtually any common construction surface. Ensure the surface is firm, clean, and dry before application.



Concrete



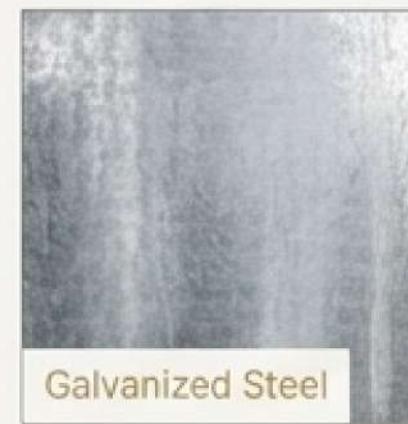
Cement & Mortar



Plaster



Wood



Galvanized Steel



Ceramic Brick



Natural Stone



EPS Insulation



PVC



Glass



Stoneware



Existing paint coatings

The 3-Step Process to a Perfect Finish



PREPARE

- **Clean:** Thoroughly clean the surface using mechanical methods. Remove all loose particles, mold, and dust.
- **Repair:** Fix cracks and uneven surfaces using SUBERLEV Thermal Mastic.
- **Prime (If Necessary):** On dusty or highly absorbent surfaces, apply Suber-Fix primer.

APPLY

- **Mix:** Homogenize product with a professional mixer for 3-5 minutes. Add up to 200ml of water if needed for fluidity.
- **Spray:** Use a cork spray gun with a 5.5 mm nozzle at a distance of 40-60 cm. Apply in a minimum of two cross-coats.

CURE

- **Drying Time:** Allow 4 to 6 hours between coats, depending on conditions.
- **Finishing:** The surface is ready. Can be left as is, or sanded, painted, or plastered once fully cured.

Application: Key Technical Specifications

Product & Equipment



Mixing: Professional high-speed mixer.



Compressor: Minimum capacity of 250 liters/minute.



Application Tool: Spray gun for projected cork with a 5.5 mm nozzle.

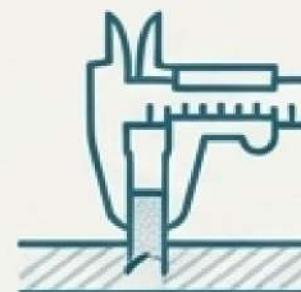
Coverage & Thickness



Recommended Coverage: 2.0 - 2.5 kg/m² (for two or more coats).



Yield per 12kg Pot: 6 - 10 m².



Thickness Reference: 1 kg of product equals approx. 1.15 mm/m² in a single coat.

Conditions & Cleaning



Application Temperature: 5°C to 45°C.



Avoid: Risk of frost, direct sun, strong wind, or rain during application.



Tool Cleanup: Use water immediately after application.

Suberlev ECO: Certified Performance Data Sheet

Property	Result / Value	Standard
Density	0.70 kg/L ± 8%	-
Thermal Conductivity	0.059 W/m·K	EN 12667
Water Vapor Permeability	Class I (Breathable)	EN 1504-2
Water Permeability	0.05 kg/(m ² ·h ^{0.5})	UNE-EN 1062-3
Direct Tensile Adhesion	0.9 MPa	UNE-EN 1542
Sound Absorption	Type E	UNE-EN ISO 354
Slip Resistance	Class 3	UNE-ENV 12633
Fire Resistance	Euroclass B-s1-d0	UNE-EN 13501-1+A1
Allowed Expansion	62 - 67%	-
CE Marked Compliance	Obtained	UNE-EN 1504-2
Artificial Aging (3000h)	No change in appearance	UNE-EN ISO 11507

10-YEAR WARRANTY

Guaranteed Durability on
Facades and Roofs

CE

Certified according to European Standard
EN 1504-2 for the protection and repair of
concrete structures.

Independently Tested By:



Help Us Help You

Innovation in Protection.



The information provided is based on extensive practical experience and laboratory testing.
We recommend practical tests to ensure compatibility for each specific application.