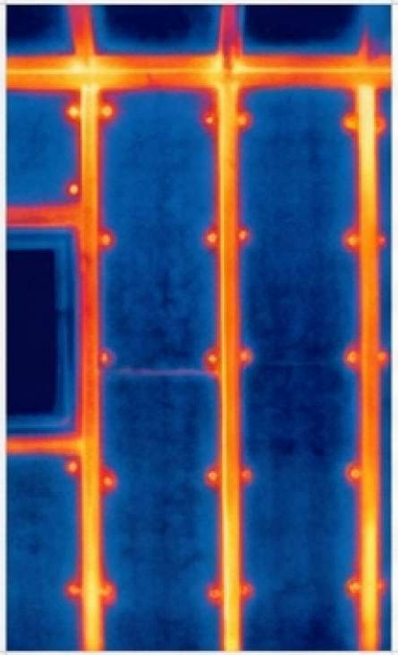
Foamlev: Redefining Building Envelope Performance

The Next Generation of Thin-Layer Thermal & Acoustic Insulation

Conventional Insulation Leaves Gaps in Performance

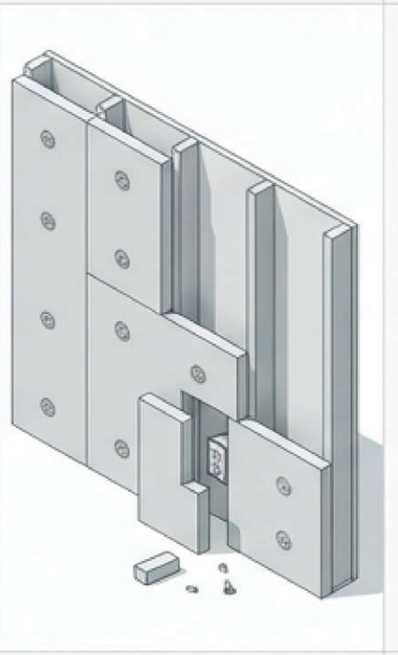


Thermal Bridges

Seams, joints, and mechanical anchors in traditional systems create pathways for energy to escape, compromising the R-value of the entire assembly.

Moisture & Condensation

Imperfections and non-breathable layers trap moisture, leading to dampness, mold, material degradation, and poor indoor air quality.



Application Complexity

Multi-step, labor-intensive processes involving cutting, fitting, and fastening increase project time, cost, and points of potential failure.

Acoustic Intrusion

Standard insulation offers minimal sound dampening, reducing occupant comfort in multi-family housing, commercial spaces, and buildings in noisy environments.

A Singular Solution for Total Envelope Protection

Foamlev is a revolutionary thin-layer thermal insulating coating based on lime. It creates a seamless, monolithic layer of thermal, acoustic, and moisture protection—applied continuously without the need for auxiliary anchors.

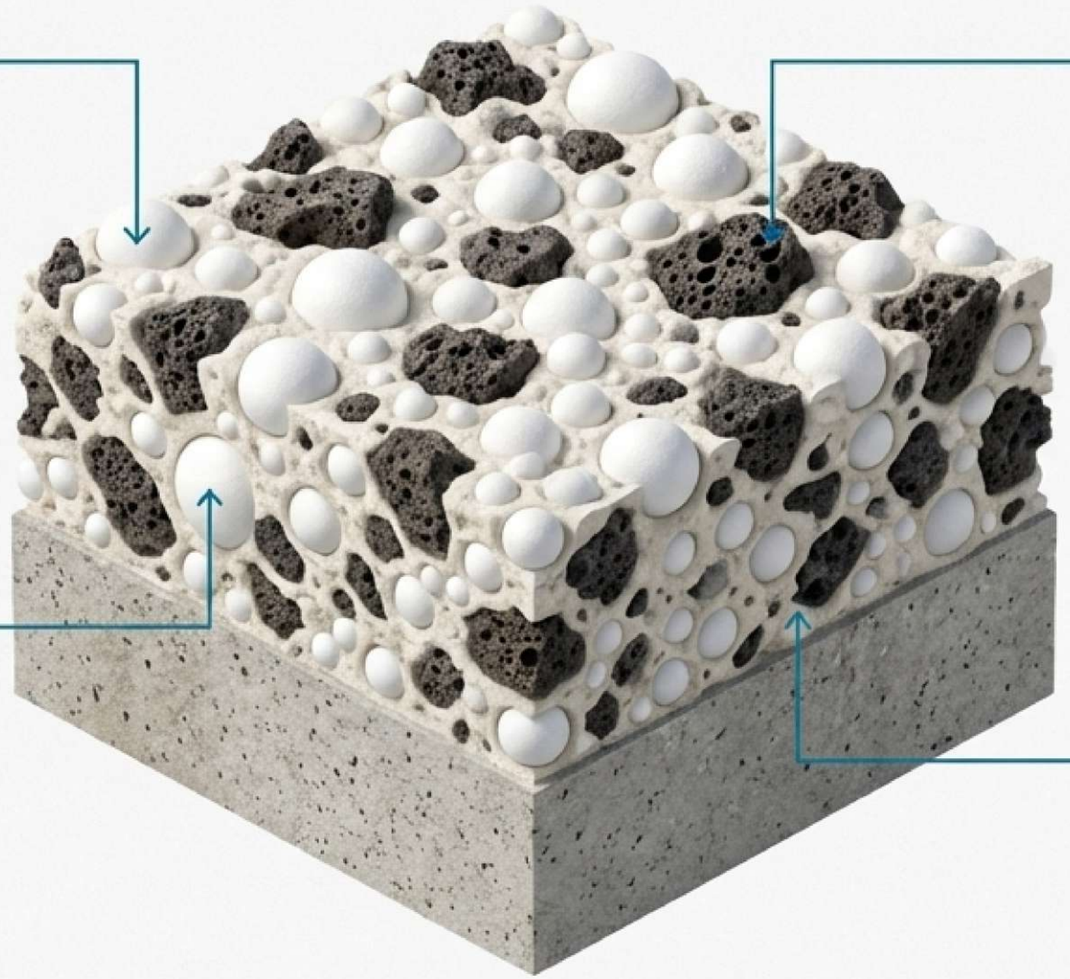
Advanced Formulation for Superior Performance

Lime Base

Provides exceptional breathability, natural mold resistance, and long-term durability.

Expanded Polystyrene (EPS) Beads

High-density beads deliver lightweight, highly effective thermal insulation.



Expanded Volcanic Rock

A porous, rigid aggregate that absorbs and attenuates sound waves, providing excellent acoustic correction.

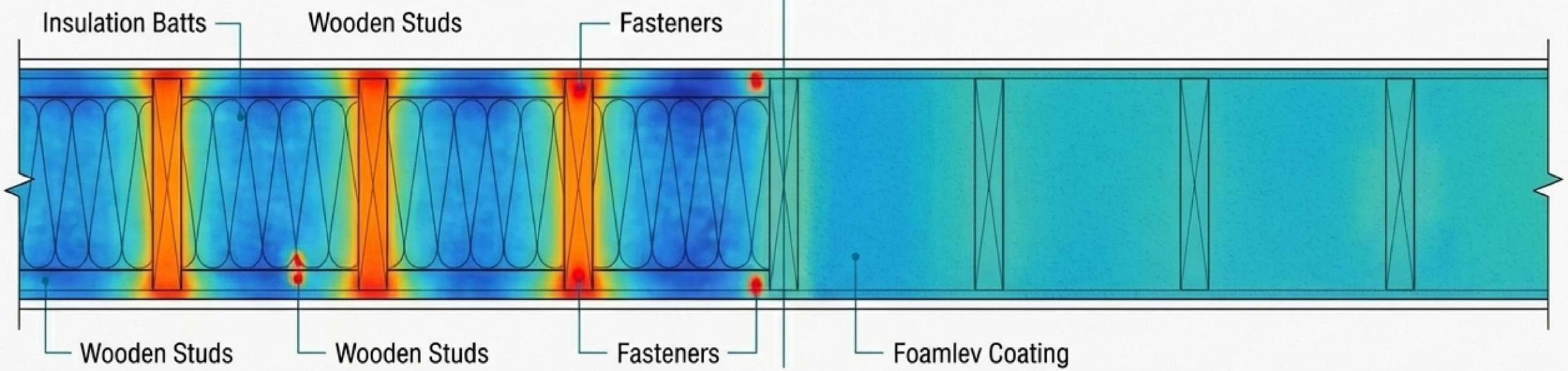
Special Additives

A proprietary blend including an adhesion promoter that ensures powerful bonding to a wide range of substrates.

Continuous Insulation. Unbroken Efficiency.

BEFORE: Conventional Insulation

AFTER: Foamlev Monolithic Layer



Thermal Conductivity

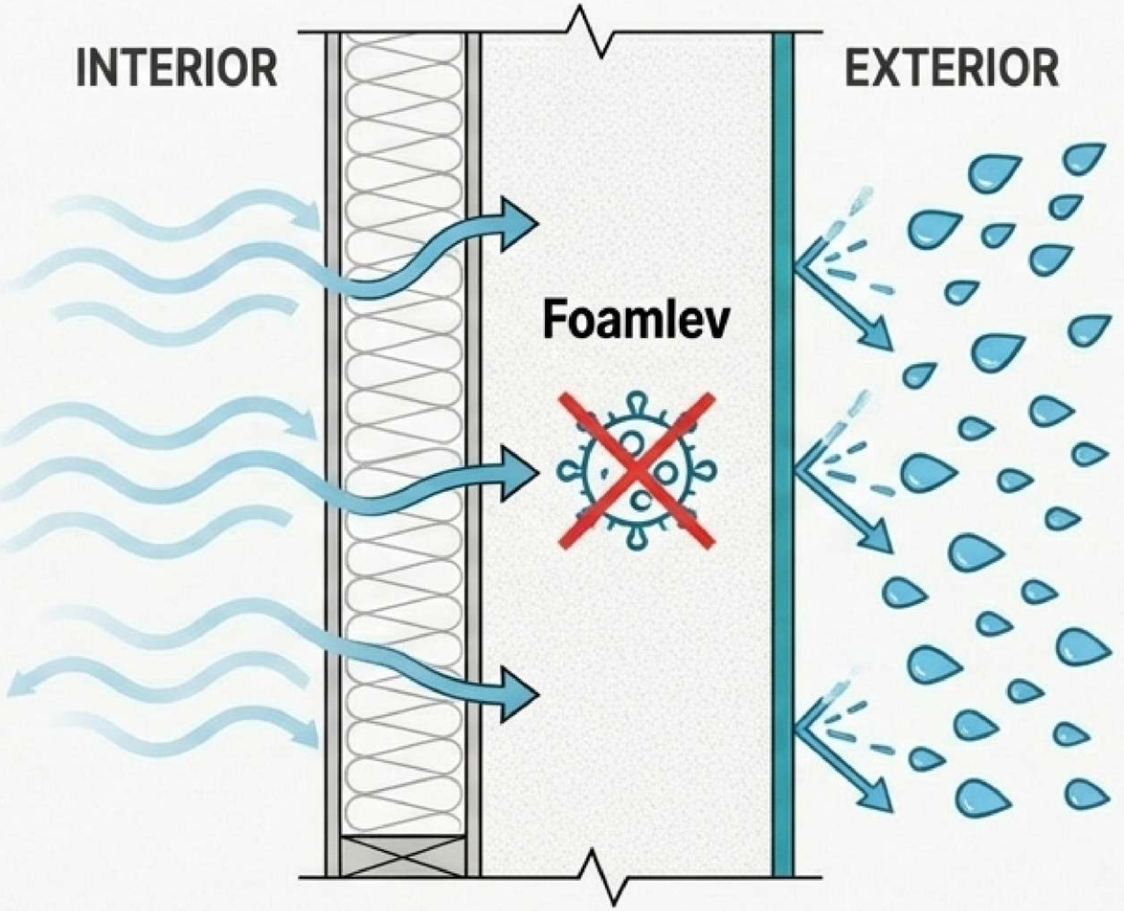
0.044 W/m·K

Foamlev's monolithic application creates a continuous thermal barrier, completely eliminating the thermal bridges common in panel-based systems. This stops energy leaks at their source, leading to significant and predictable savings on heating and cooling costs.

Your Shield Against Dampness and Mold

Anti-Condensation

The lime-based formula is naturally breathable, preventing the interstitial condensation that leads to mold, mildew, and structural degradation.

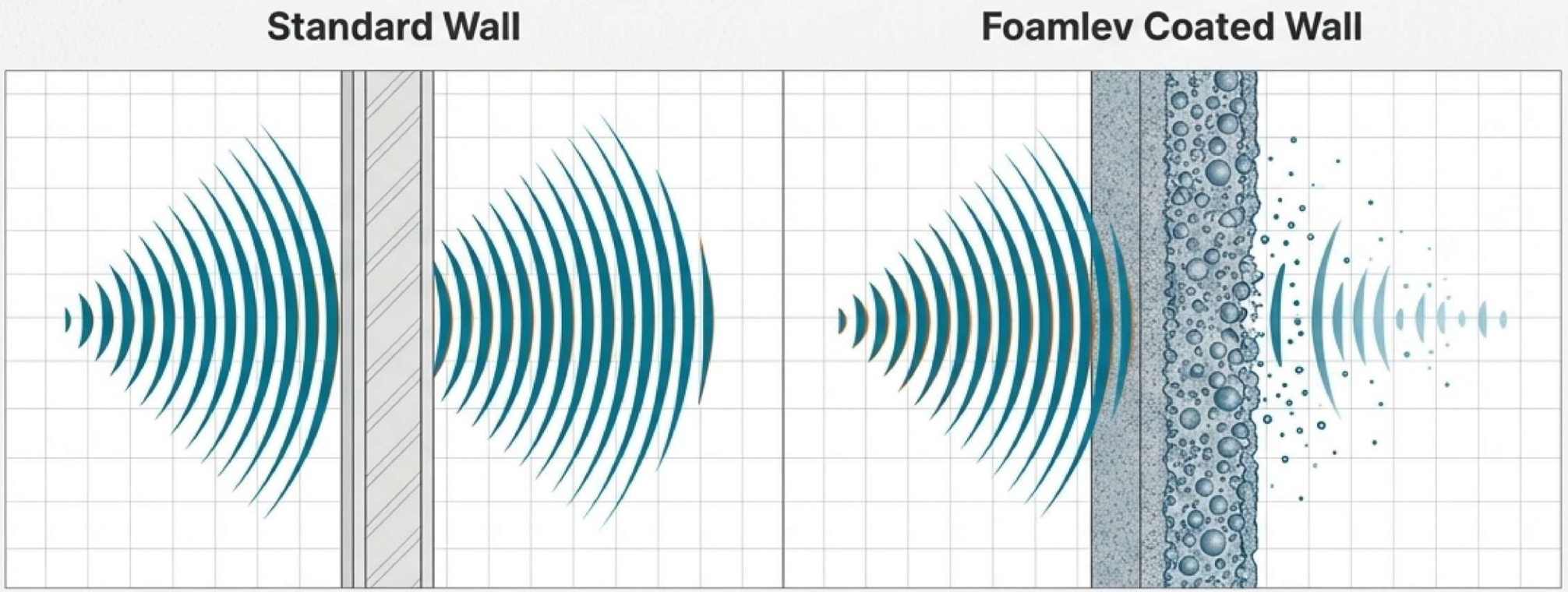


Waterproofing Protection

Provides a protective barrier against leaks and water intrusion on roofs, terraces, and walls.

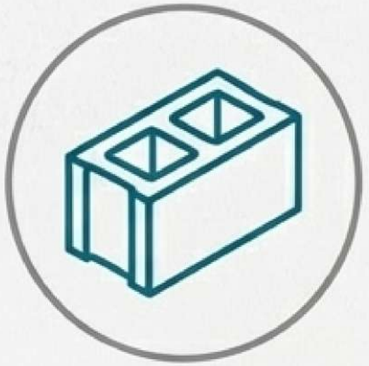
Full waterproofing achieved with the application of specified topcoats: Thermo-Roofs Shield or Suber-Paint.

Turn Down the Volume on the Outside World

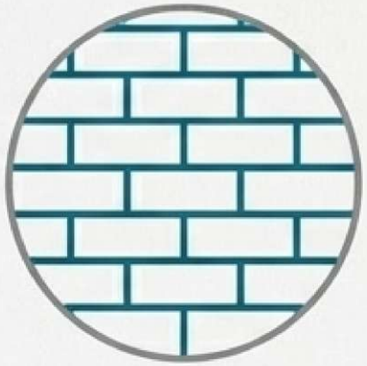


Foamlev's unique composition of expanded volcanic rock and high-density EPS beads creates a surface that absorbs and attenuates sound. It is an ideal solution for acoustic correction on party walls, roofs, and facades, creating quieter and more comfortable indoor environments.

Adheres Where Others Fail. Applies Where Others Can’t.



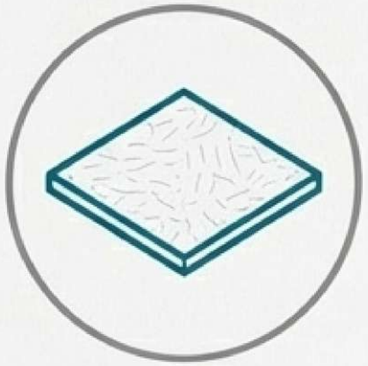
Cinder Block



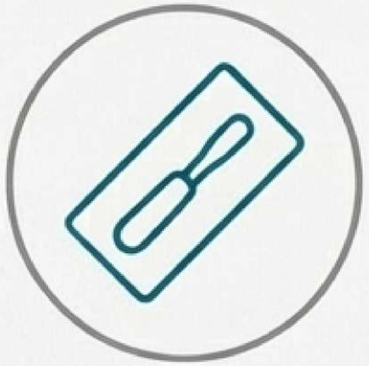
Running Bond

Corrogated steel

Paint wall



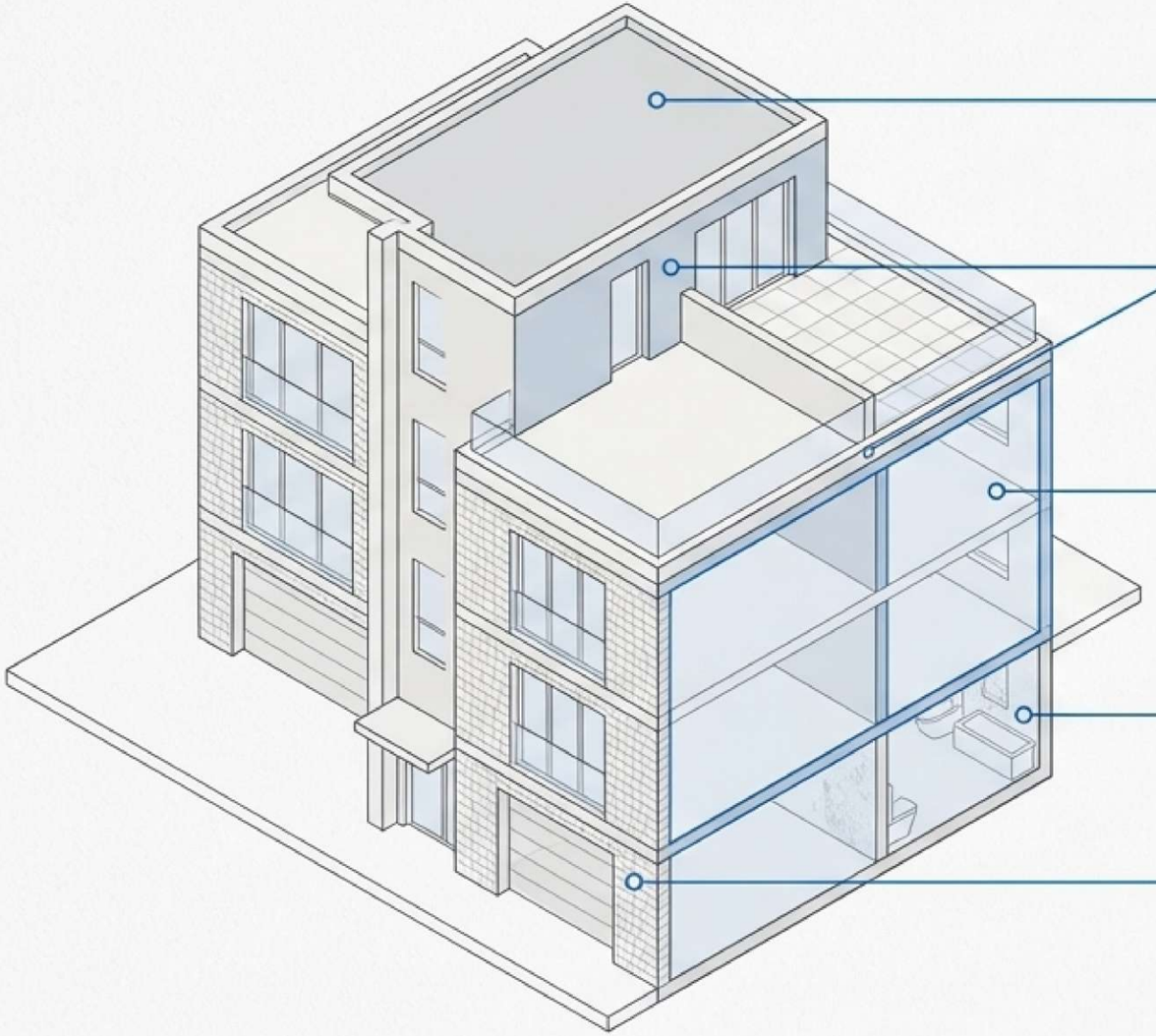
Cement board



Lime/cement plaster

- **Unmatched Adhesion:** Thanks to the adhesion promoter included in the formula, Foamlev provides excellent adhesion to challenging surfaces like galvanized steel.
- **Total Versatility:** Perfect for both interior and exterior use.
- **Broad Application:** Ideal for insulating roofs, terraces, vertical walls, and dividing walls.

The Ideal Solution for Critical Building Zones



- Roofs and terraces with persistent leak problems
- Walls and dividing walls requiring high-performance thermal and acoustic insulation
- Rooms and premises where energy saving is a primary project goal (in both hot and cold climates)
- Spaces with existing humidity, mold, or fungi issues
- Interior and exterior mineral-based surfaces (lime, cement, brick)

Prepare. Mix. Apply. Finish.

1

Surface Preparation

Ensure substrate is clean, dry, and solid. Repair major defects. Apply Suber-Fix primer on dusty or overly absorbent surfaces.

2

Mixing

Add approx. 4L of water per 18L bag. Mix with a low-speed mechanical mixer until a smooth, fully homogenized consistency is achieved.

3

Application

Apply two or more coats to a total thickness of 5-30mm. Use a Suberlev spray gun (8mm nozzle), industrial machine, or a trowel. Allow 8-12 hours drying time between coats.

4

Finishing (Exterior Only)

For roofs, protect with Thermo-Roofs Shield (1.2 L/m²). For vertical surfaces, protect with Suber-Paint (0.6 L/m²).

Performance by the Numbers

Thermal Conductivity
0.044 W/m·K

Drying Time
8-12 hours per coat

Applied Density
0.21 kg/L (± 5%)

Packaging
18 L bags

Recommended Thickness
5 - 30 mm

Color
White

Performance
1 L/m² per mm of thickness

Safety
Non-flammable

More Than Insulation. It’s a Complete Building System.

Superior Energy Savings

Seamless application eliminates thermal bridges, drastically reducing heating and cooling costs.

Long-Term Durability

Protects against moisture, mold, and degradation, extending the life of the building envelope.

Suberlev

Unmatched Project Efficiency

A single product simplifies the insulation, acoustic, and anti-condensation layers, reducing labor and project complexity.

Enhanced Occupant Comfort

Creates quieter, healthier, and more comfortable indoor spaces.

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.

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