

Flexilev ECO

The Singular Solution for Protection,
Performance, and Finish.

The Persistent Challenges of Modern Construction.



Premature Degradation

Substrates are under constant attack from mold, fungus, and the elements.



Capillary Moisture

Persistent humidity from the ground up compromises structural integrity and interior health.



Thermal Inefficiency

Poor insulation leads to energy loss, impacting building performance and operational costs.



System Complexity

Juggling separate adhesives, levelers, and finishing products is inefficient and risks incompatibility.



One Advanced Mortar. Engineered for Total Versatility.

Flexilev ECO is a lightweight, fiber-reinforced mortar designed to be the definitive all-in-one product for leveling, bonding, and finishing. Its unique eco-friendly formula provides unparalleled strength, protection, and workability for both interior and exterior applications.

Key Composition



Hydraulic Lime
Binders



Expanded Light
Minerals



Glass Fibers



Dehydrated
Resins

Pillar 1: Unyielding Performance and Durability.



High Resistance to Elements

Engineered for durability against weathering and impacts.

Compressive Strength: 7 N/mm²

Flexural Strength: 2.50 N/mm²



Maximum Fire Safety

Non-combustible formula for ultimate peace of mind in any project.

Fire Resistance: Class A1

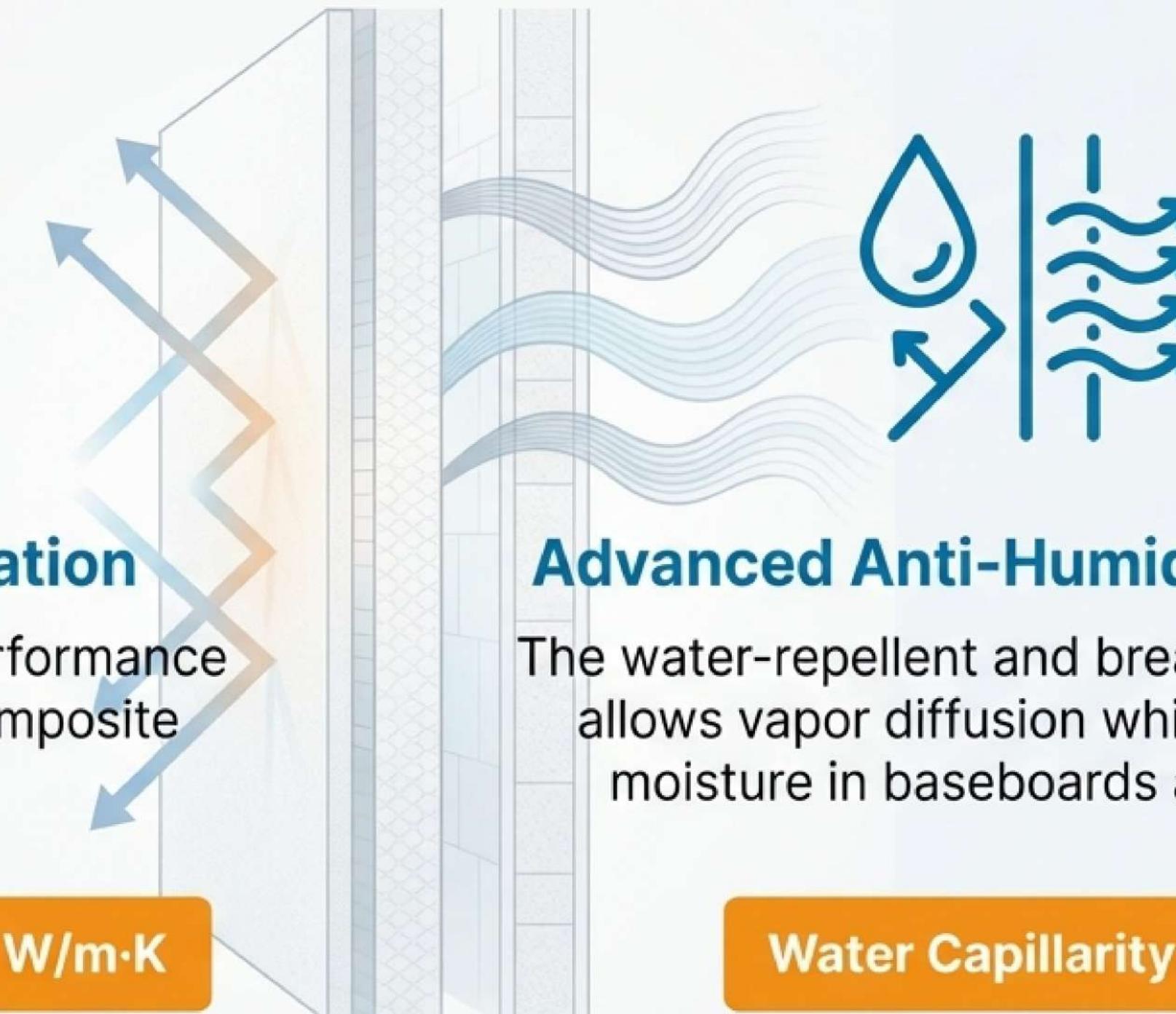
Pillar 2: A Shield of Protection and Efficiency



Superior Thermal Insulation

A critical component for high-performance External Thermal Insulation Composite Systems (ETICS).

Thermal Conductivity: 0.083 W/m·K



Advanced Anti-Humidity Control

The water-repellent and breathable formula allows vapor diffusion while correcting moisture in baseboards and plinths.

Water Capillarity: W2

Pillar 3: One Mortar for Every Critical Application



Adhesive for ETICS

Provides powerful, reliable bonding for insulation panels including cork, Neopor, EPS, and rock wool.



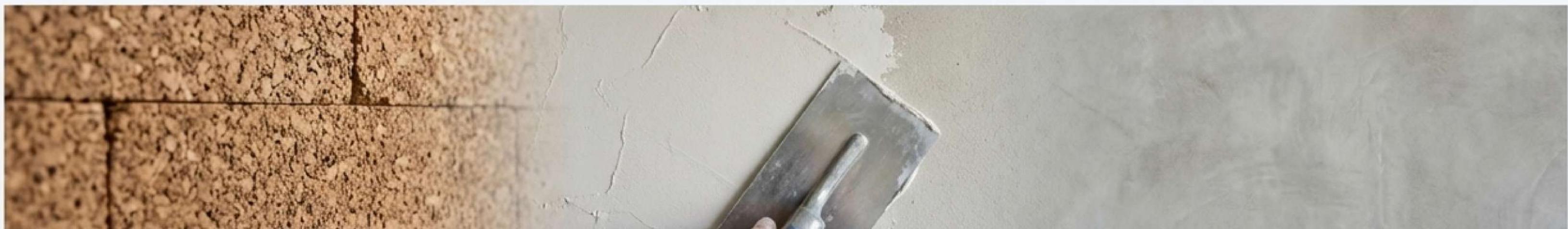
Leveling & Repair

Smooths irregularities, levels mineral substrates, and repairs damaged facades for a flawless surface.

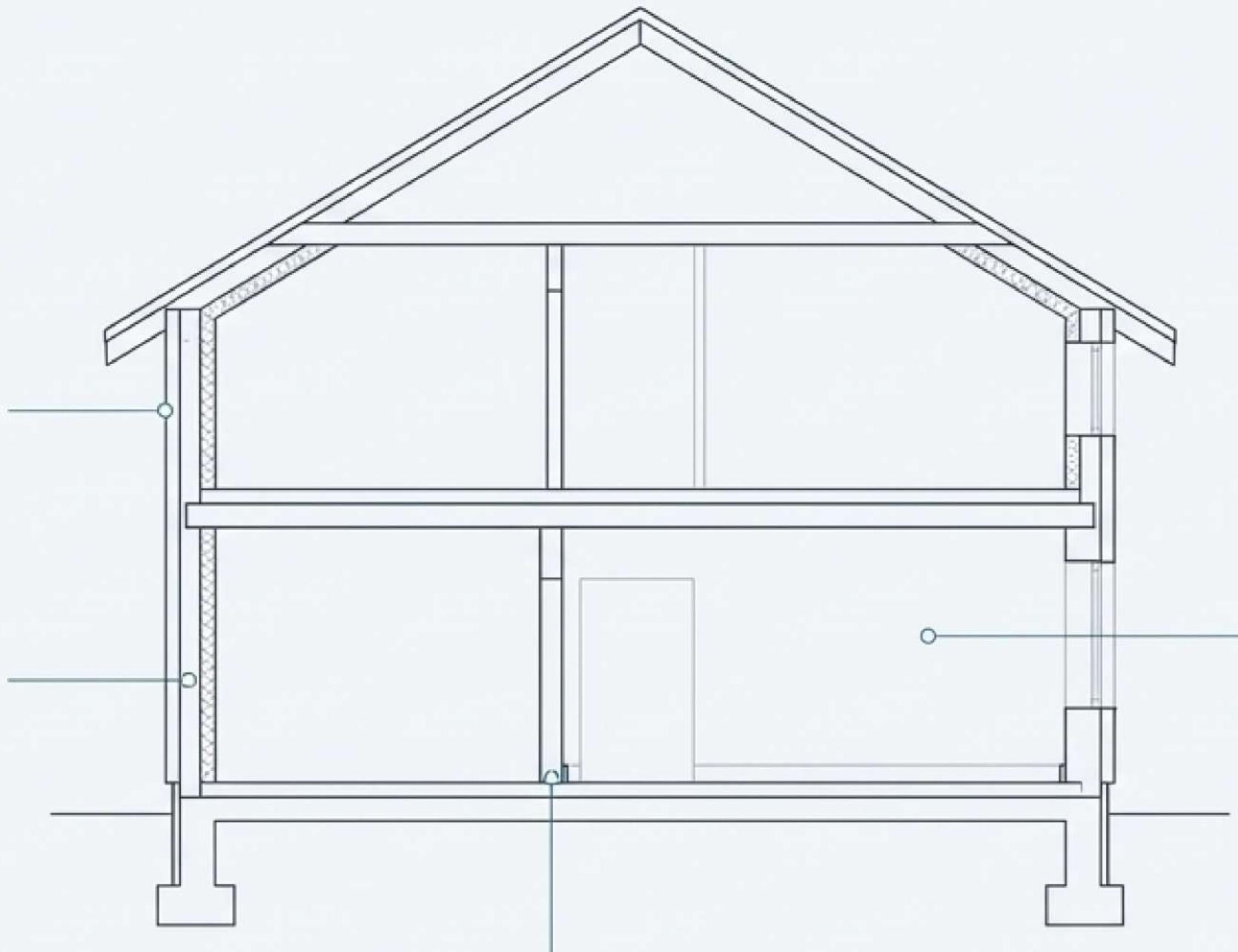


Decorative Finish

Creates a uniform, high-quality aesthetic finish for interiors and exteriors, ready for a range of chromatic possibilities.



The Ideal Solution Across the Entire Building Envelope



Exterior Facades: For repairing degradation and finishing SATE / ETICS systems.

Insulation Systems: As the primary adhesive for bonding insulation panels.

Interior Walls & Ceilings: For breathable, high-quality decorative finishes.

Baseboards & Plinths: To correct and manage capillary moisture in both interior and exterior settings.

Professional Results, Simplified Workflow.



Preparation

- Ensure substrate is solid, clean, and free of loose particles.
- Pre-moisten the substrate with clean water before application.



Mixing

- Mix a 12kg bag with 5-6 L of clean water until a homogeneous paste is formed.
- Let the mixture rest for 1-2 minutes, then remix.



Application

- Apply manually with a trowel or with Suberlev projection machines.
- Apply in layers of 3-4 mm maximum thickness.



Finishing

- Once applied, create the desired aesthetic finish using a float or Venetian stucco-style trowel.

Key Condition: Apply in temperatures between 5°C and 35°C. Avoid direct sun, strong wind, rain, or risk of frost.

The Data Behind the Performance.

Property	Standard	Value
Thermal Conductivity	EN 12667	0.083 W/m·K
Compressive Strength	EN 1015-11	7 N/mm²
Flexural Strength	EN 1015-11	2.50 N/mm²
Water Capillarity	EN 1015-18	W2
Fire Resistance	-	Class A1
Grain Size	-	$\leq 0.2 \text{ mm}$
Theoretical Consumption	-	1.10 - 1.20 kg/m ² /mm
Working Time	-	45 - 75 min
Drying Time	-	4-6 hours (approx.)
Presentation	-	12 kg bags

Certified Quality, Sustainable by Design.



Certified Performance

Rigorously tested and compliant with European standards for safety, health, and environmental protection.

- CE Marked (DoP: 06 UNE-EN 998-1)
- Tested according to EN 998-1 standards.



Eco-Friendly Commitment

Formulated with sustainable materials to ensure a healthier environment for both applicators and building occupants.

- Biodegradable
- Non-toxic

The Choice is Singular. The Advantage is Clear.



PERFORM

Achieve superior structural durability, Class A1 fire safety, and excellent thermal efficiency.



PROTECT

Actively combat moisture, prevent premature degradation from mold and fungi, and ensure long-term integrity.



SIMPLIFY

Replace multiple products with one versatile mortar for bonding, leveling, and finishing, saving time and eliminating system complexity.

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.

