



# 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/mm<sup>2</sup>**

**Flexural Strength: 2.50 N/mm<sup>2</sup>**



## Maximum Fire Safety

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

**Fire Resistance: Class A1**

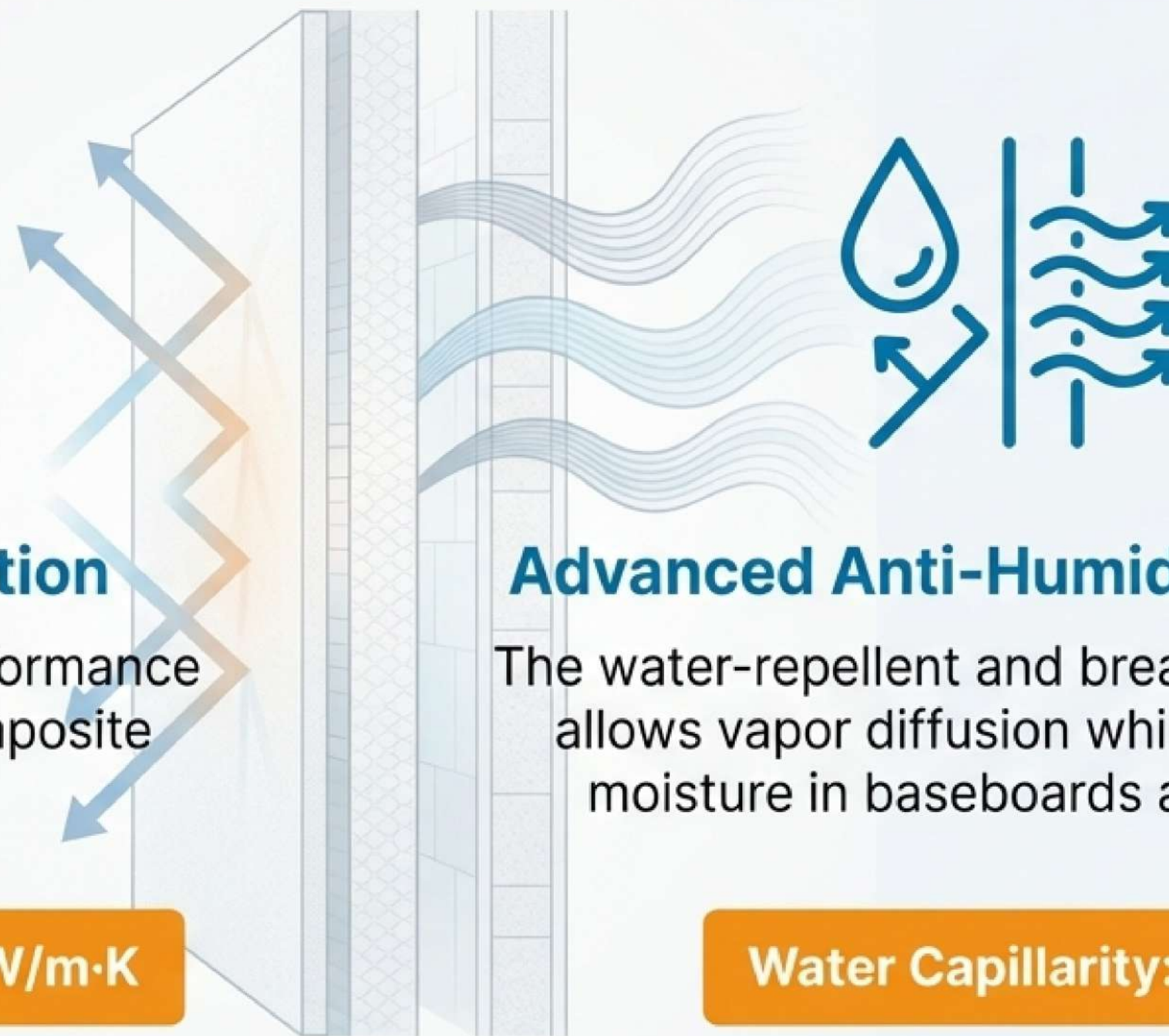
# Pillar 2: A Shield of Protection and Efficiency



## 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.

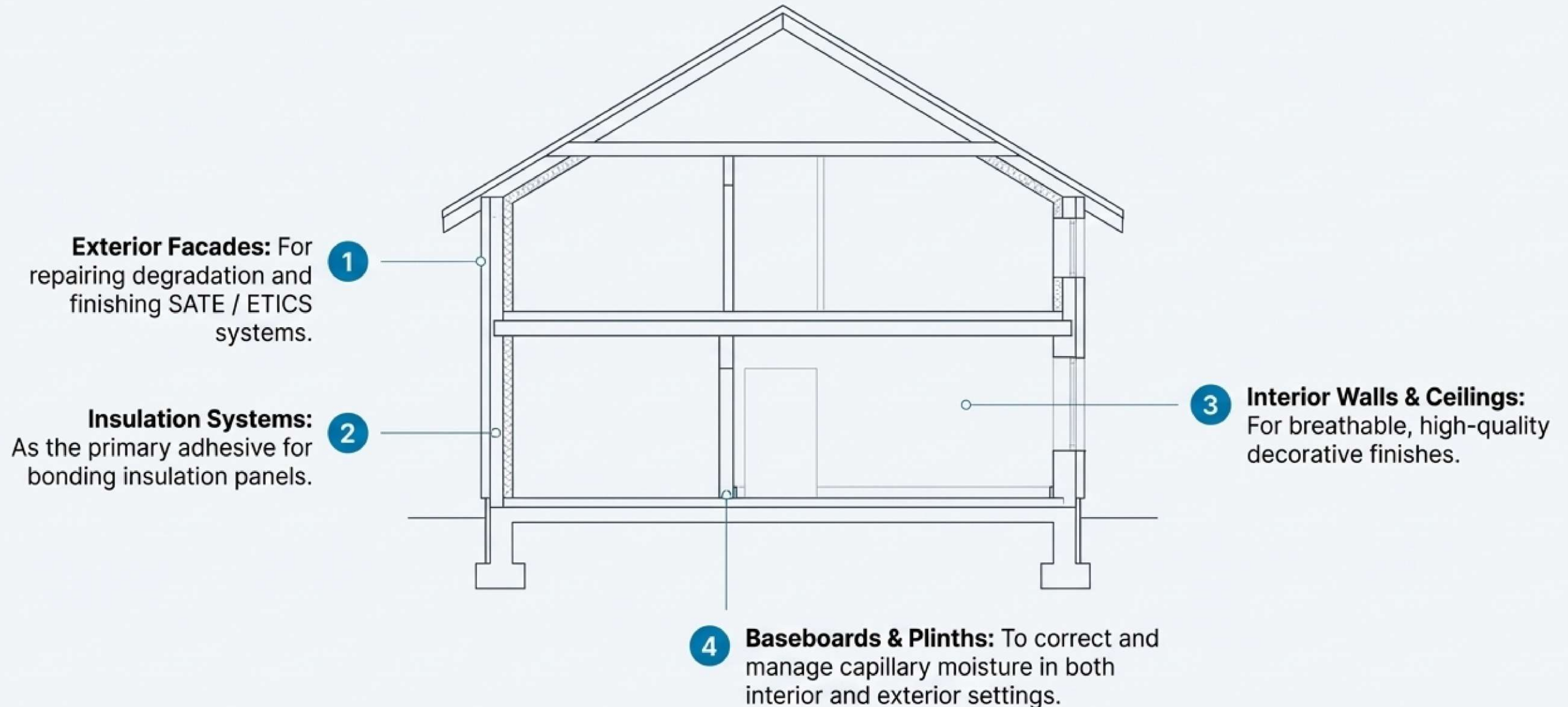


## Decorative Finish

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



# 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/mm <sup>2</sup>
Flexural Strength	EN 1015-11	2.50 N/mm <sup>2</sup>
Water Capillarity	EN 1015-18	W2
Fire Resistance	-	Class A1
Grain Size	-	≤ 0.2 mm
Theoretical Consumption	-	1.10 - 1.20 kg/m <sup>2</sup> /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.



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