



Discover the product range

The most advanced mineral solution
in sustainable insulation and
protection

thermolime
Innovative Protection System



Simple, single layer system

Thermolime® is a mineral and ecological plaster based on nanotechnology, which is used as a high performance thermal insulation cladding for walls and roofs.

Formulated with **silica aerogel**⁽¹⁾, **silica microspheres**⁽²⁾ and **natural hydraulic lime**⁽³⁾, it provides superior thermal insulation, transpirability and fire protection.

Thanks to its low thermal conductivity and its ability to regulate humidity, it prevents condensation and improves the comfort and health of indoor environments.

Thermolime® is the external insulation system for facades and roofs, based on the simplest, most ecological and sustainable solution on the market, suitable for use in both new construction and renovation, in both non-insulated and insulated buildings.

Its resistance to salts and humidity makes it ideal for the energy rehabilitation of facades and walls affected by capillary action.

Thermolime® provides unparalleled climatic comfort in living spaces, outperforming all other thermal mortars and materials. In a single operation, it achieves superior results to multi-layered insulation systems, optimising all key qualities while providing water-repellent and breathable cladding, thermal insulation and fire protection.

Advantages of Thermoline insulation

✓ **Faster and simpler construction system**

Thermolime® is the essential complement to single-leaf wall constructions to meet the requirements of local energy efficiency regulations, allowing you to build with lower material and labour costs.

✓ **Maximum energy savings**

Thermolime® makes the most of the heat storage capacity of the walls, keeping the heating off for longer, avoiding thermal bridging and successfully preventing damage to the building from condensation, without having to invest in costly corrective measures.

✓ **Increased thermal comfort**

The internal temperature of buildings remains constant in both winter and summer, reducing energy requirements and creating a comfortable climate by eliminating annoying and uncomfortable temperature changes.

✓ **No condensation**

Prevents the formation of mould and mildew by eliminating thermal bridging.

✓ **Longer useful life**

Thermal rendering for exteriors can guarantee perfect resistance to atmospheric agents such as rain, frost, thermal variations, etc., reducing shrinkage-dilatation between different materials and increasing its durability.

✓ **Building enhancement**

Buildings clad with Thermolime® increase their value by improving their energy certification.





✓ **Fiscal benefits**

The renovation of buildings clad on the outside with Thermolime® allows tax benefits to be obtained by qualifying for subsidy schemes as it is considered an energy improvement of the building.

✓ **Ecological and natural**

Significantly reduces the impact on the environment. It has an excellent ecological ecobalance and complies with all the principles of sustainability.

ThermoLime® is not just a product, it is a **comprehensive mineral system that combines insulation, protection and aesthetics in one solution**. Advanced technology for sustainable construction, both now and in the future.

PREPARATION OF SUPPORTS		THERMOLIME® Fix	Mineral bonding mortar
		THERMOLIME® Primer	Regulating primer
THERMAL BASES		THERMOLIME® Base	Mineral thermal insulation coating
		THERMOLIME® Base fibrado	Fibre-reinforced version
		THERMOLIME® Anticondensación	Ready-to-use mineral plaster paste
PROTECTORS		THERMOLIME® Revoco fino flexible	Flexible mineral finish
		THERMOLIME® Albedo	Reflective coating
DECORATIVE		THERMOLIME® Stone	Stone mineral finish
		THERMOLIME® Revestimiento antifisuras	Flexible crack-resistant membrane
		THERMOLIME® Sol silicato	Silicate mineral paint
		THERMOLIME® Sol silicato photo	Photocatalytic version
		THERMOLIME® Silicona	Water-repellent decorative coating
		THERMOLIME® Silicona photo	Photocatalytic finish with silicone



PREPARATION OF SUPPORTS

ADHERENCE IS THE KEY TO SUCCESS

This family of products ensures that any surface is perfectly prepared to receive thermal insulation and decorative mortars. It guarantees compatibility, homogeneity and maximum durability.



THERMOLIME® FIX

Mineral mortar designed for fixing mesh and reinforcements. Provides solid and stable anchoring to prevent detachment and ensure system continuity.

Main applications: surface levelling and thermal panel fixing.

Advantages: high adhesion on multiple substrates, excellent workability.

Benefits: simplifies preparation and ensures compatibility with the entire ThermoLime® system.

Notable properties: good workability, optimised adhesion, transpirable.



THERMOLIME® PRIMER

Absorption and adhesion-regulating primer. Promotes substrate homogeneity and optimises the application of subsequent coatings.

Main applications: mineral substrates, old plaster, lime or cement render.

Advantage: substantially improves the adhesion of subsequent layers.

Benefits: stabilises old substrates and reduces uneven absorption.

Notable properties: high penetration, no organic components, transpirable.



THERMAL BASES

THE HEART OF THE SYSTEM

Mineral thermal insulation mortars that incorporate aerogel and silica microspheres, providing thermal insulation, breathability and fire protection in a single layer.



THERMOLIME® BASE

High-performance mineral thermal insulation cladding for façades and roofs. A sustainable, continuous solution that eliminates thermal bridges.

THERMOLIME® BASE FIBRADO

Fibre-reinforced version, particularly suitable for demanding substrates or those at risk of cracking. Provides greater mechanical strength without compromising thermal performance.

Main applications: exterior façades, interior walls and ceilings in new builds or renovations.

Advantages: simplified, high-performance single-layer system.

Benefits: efficient thermal insulation, improves health and comfort.

Notable properties: ≤ 0.040 W/m·K, Euroclass A1, breathable and environmentally friendly.



THERMOLIME® ANTICONDENSACIÓN

Ready-to-use mineral plaster specially designed to prevent condensation on interior walls by providing breathability.

Main applications: interior walls, cold rooms, cold ceilings, basements...

Advantages: effective solution for thermal bridges and damp areas.

Benefits: reduces ambient humidity, improves comfort and prevents mould growth.

Notable properties: insulating, breathable and moisture resistant.



PROTECTORS

THE INTELLIGENT BARRIER AGAINST EXTERNAL AGENTS

These coatings protect, seal and decorate simultaneously, thereby reinforcing the durability of the system and enhancing its energy performance.



THERMOLIME® REVOCO FINO FLEXIBLE

Mineral finish with controlled elasticity. Ideal for substrates with slight movement or renovations where protection and a uniform aesthetic are desired.

Main applications: façades, plinths and areas under stress in new builds or renovations.

Advantages: flexible, breathable and compatible with both traditional and thermal renders.

Benefits: prevents cracks, maintains aesthetic appeal and enhances the durability of the system.

Notable properties: high flexibility; a 100% mineral finish; and resistance to atmospheric agents.



THERMOLIME® ALBEDO

High-brightness reflective coating. Reduces solar absorption, improves indoor thermal comfort and increases the energy efficiency of the building envelope.

Main applications: façades, plinths and areas under stress in new builds or renovations.

Advantages: flexible, breathable and compatible with both traditional and thermal renders.

Benefits: prevents cracks, maintains aesthetic appeal and enhances the durability of the system.

Notable properties: high flexibility; a 100% mineral finish; and resistance to atmospheric agents.

THE FINAL EXPRESSION OF THE SYSTEM. Mineral and eco-friendly coatings that enhance the appearance of surfaces without compromising technical performance. Designed for long-lasting finishes and maximum breathability.



THERMOLIME® STONE

Stone-effect mineral cladding. Combines natural aesthetics with durability and breathability.

Main applications: representative façades, mineral interiors and surfaces where a natural, non-glossy aesthetic is desired. Compatible with Thermolime® Base.

Advantages: a non-closed grain finish with a matt stone effect that is flexible and does not crack.

Benefits: a uniform, stone-like appearance; high durability; and compatibility with thermal or traditional substrates.

Notable properties: high adhesion, excellent workability, matt stone effect, breathability, and flexibility.



THERMOLIME® REVESTIMIENTO ANTIFISURAS

Highly durable flexible membrane designed to prevent and conceal micro-cracks in façades. Provides both aesthetic and functional protection.

Main applications: old or new façades at risk of microcracks.

Advantages: prevents visible cracks from appearing.

Benefits: continuous decorative protection without interruption.

Notable properties: waterproof, elastic and breathable.



THERMOLIME® SOL SILICATO

Silicate mineral paint for matt, breathable finishes. Promotes natural protection against fungi and algae.

THERMOLIME® SOL SILICATO PHOTO

Photocatalytic version that breaks down organic pollutants and oxides and contributes to the self-cleaning of façades and air purification.

Main applications: mineral façades and exterior walls.

Advantages: high durability and resistance to ageing.

Benefits: anti-mould, anti-carbonation, air purification (photocatalytic version).

Notable properties: high breathability, minerality, self-cleaning effect.



THERMOLIME® SILICONA

Decorative coating containing silicone resins. High rainwater repellency with total vapour permeability.

THERMOLIME® SILICONA PHOTO

Finish with photocatalytic effect. Combines water repellency, self-cleaning and long-lasting aesthetics, ideal for urban environments with high pollution levels.

Main applications: rain- and pollution-exposed façades.

Advantages: self-cleaning and water-resistant properties.

Benefits: high dirt and water repellency; optional photocatalytic effect.

Notable properties: water-repellent and microporous with a lotus effect.



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More information
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