



# ISOBELL FAÇADE SOLUTION

The system designed for exterior walls, for the restoration of deteriorated façades and damaged external insulation systems.

EXTERIOR RANGE



**ISOBELL®**  
LIVE YOUR COMFORT



# WHAT IS ISOBELL

**SOBELL is a patented thermal insulating vapor control membrane that solves façade problems.**

It is an innovative thin-layer solution, made with materials and methods completely different from those commonly used in construction. Lightweight and flexible, it enables the restoration and thermal insulation of walls and façades, providing protection and preservation for buildings.

Installation is quick and non-invasive.

The membrane is supplied in rolls and applied to walls using a specific adhesive. Ideal for restoration or renovation works, it can be used both indoors

and outdoors, even on complex surfaces or where volumetric constraints apply, without causing inconvenience to occupants.

The material consists of a nonwoven fabric made from 100% recycled PET polyester, coated with a special water-based acrylic flame-retardant compound. Certified and VOC-free, meaning free of volatile organic compounds, it contributes to a healthier indoor environment.



## **REDUCES HEAT LOSS AND SAVES ENERGY.**

This system acts as a THERMAL BARRIER and can increase the energy savings of a standard non-insulated wall by up to 35%.



## **LEVELS OUT THERMAL BRIDGES AND PROTECTS AGAINST MOLD.**

By increasing the surface temperature, it is the best solution to prevent moisture condensation.



## **PREVENTS MICROCRACKS AND PROTECTS THE FAÇADE.**

**Its high tear resistance and elastic behavior minimize surface stresses, preventing the formation of hairline cracks.**



## **EXCELLENT BREATHABILITY FOR IMPROVED INDOOR COMFORT.**

The Sd value (m) is 0.27. Thanks to its high breathability, the material can regulate the relative humidity in indoor environments.



## **EXCELLENT AIRTIGHTNESS, WIND-RESISTANT.**

ISOBELL proves to be an ideal solution for retrofitting, with an airtightness value of  $0.16 \text{ m}^2 / (\text{m}^2 \cdot \text{h} \cdot 50\text{Pa})$ , capable of preventing air from carrying vapor and heat, and from affecting the temperature.



## **ALSO IDEAL OVER EXISTING EXTERNAL INSULATION SYSTEMS.**

Thanks to its flexibility and optimal adhesion, ISOBELL can be applied directly over old external insulation systems (ETICS) without the need for removal, demolition, or mechanical fixings (anchors).



## **FAST AND STREAMLINED INSTALLATION WITH REDUCED SITE COSTS.**

Its simple and clean application, combined with a reduced thickness, makes ISOBELL a unique solution for the restoration and enhancement of existing façades. Furthermore, the finish can be applied without reinforcing mesh, thanks to the material's intrinsic strength and stability, which ensure greater cohesion and durability of the coating.

# EXTERIO FAÇADE PROTECTION



ISOBELL - Waterproof and breathable thermal membrane made of 100% recycled polyester, coated with a synthetic compound, VOC-free.

## SPECIFICATIONS

Thermal conductivity (W/mK)	0,037
Emissivity	0,59
Density (kg/m³)	140
Fire resistance	classe E
Thickness (mm)	5,5+10%
Operating temperature (°C)	- 40/+80
Water vapor transmission Sd (m)	0,27
Mold resistance	alta
Pull-off strength (N/cm²)	30

The results were obtained through certified and standardized tests carried out at authorized and accredited external laboratories for testing building materials and components.

## COMFORT LIME



Adhesive skim coat

Mineral powder product based on hydraulic lime and pozzolanic microsilicates. Ideal for ISOBELL application systems, for both interior and exterior use, with a 0.5 mm grain size. Adhesion, workability, and pot life are optimized to facilitate bonding and skim coating operations, ensuring the long-term durability of the applied system.

## STUCCO



Adhesive skim coat

Acrylic resin-based product in ready-to-use paste form. Ideal for walls exposed to adverse weather conditions and with poor insulation, as well as for cracked walls. It forms a highly elastic and thermal system, and thanks to the perlite content, it maintains its dynamic properties over time. It can be applied to all types of plaster.





**Manifattura del Seveso S.p.A**  
Via Vespucci, 20 — 24046 Osio Sotto (BG)  
T: +39 035 881950 — [info@isobell.it](mailto:info@isobell.it)

**MADE IN ITALY**