

# ISOBELL® BOND

**Indoor and outdoor thermal anti-condensation skim-coating adhesive**

**COMERCIAL NAME ISOBELL® BOND**

## DESCRIPTION

Paste leveling adhesive ideal for the insulation system with thermal insulation sheets to be used both indoors and outdoors. Ready to use.

## COMPOSITION

Synthetic resin in aqueous emulsion with adhesion promoters, controlled granulometric curve aggregates, 3M Glass Bubbles and various additives.

## CONSUMPTION

- 1,8 – 2 kg/smq per for adhesive fix
- 1 - 1,5 kg/sqm for smooth skim coating.

## DRYING

Dry to the touch	6 hours
Dry depth	48-60 hours



## APPEARENCE

Viscose pasta.

**PACKAGIN: 16 kg**

**SPECIFIC WEIGHT: 1,1 kg/dm<sup>3</sup>**

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### FIELD OF APPLICATION

It is the ideal material together with the ISOBELL® panel for rapid, economically advantageous interventions with low environmental impact. Innovative product with anti-condensation effect, ability to reflect heat, with high adhesive power, ideal for smoothing and bonding thermal sheets, thus obtaining an extension of the insulating power. Thanks to the presence in formulation of hollow microspheres and its innovative formulation, problems of mold and condensation are solved.

### WALL APPLICATION

Ideal for both indoors and outdoors, where you want to work to repair damaged walls and facades. It contributes to the optimization of energy efficiency and the comfort of buildings thanks to its thermal insulation properties. It can be applied on all types of plaster. The surface must be dry and free from dirt or dust. Any presence of mold or algae must be previously treated with suitable sanitizing products. Operate at temperatures between + 5 ° C and + 30 ° C. Adverse climatic conditions can impose the realization of adequate protections during the drying phase of the adhesive. Store the product in its original packaging and in a dry place.

### STORAGE

12 months in the original containers tightly closed and stored in a covered environment, away from direct sunlight and a temperature between + 5 ° C and + 35 ° C

### APPLICATION METHOD

Apply the adhesive on the support to be treated with a notched trowel, trying to obtain a consumption of about 1.5/2kg/sqm. Paste the ISOBELL® type thermal insulation panels. Finish the layer, by ISOBELL® BOND with a plastic trowel and proceed with finishing with an anti-condensation heat-insulating paint or coating such as ISOBELL® COLOR (for interiors) or ISOBELL® FACADE (for outdoors). You can apply a fiberglass weight of 80 gr and 100 mm wide.

### AVOID FREEZING

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Test	Results
Water vapour transmission Standard UNI EN ISO 7783-3	Sd = 0,24 m
	Tickness = 1385 µm
	µ = 176 Class V2 (medium permeability)
Pullc off Standard UNI EN 1542	fh = 0,7 MPa
Thermal conductivity Standard UNI EN 1745	λ10,dry = 0,277 W/mK
Mould protection	No fungal growth