

ISOBELL® PLAST

**Mineral smoothing adhesive
for indoor and outdoor**

COMERCIAL NAME: ISOBELL® PLAST

DESCRIPTION

Putty mineral coating with a potassium silicate base, ready to use; high breathability and with good water repellency, it has natural anti- mould and anti-algae properties.

COMPOSITION

Stabilized potassium silicate, siliceous aggregates, quartz sand with controlled granulometry and various additives in such content as to ensure compliance with physical parameters such as: permeability, water repellency, CO2 diffusion.

CONSUMO

- 1,5 – 2 kg/smq per for adhesive on wall.
- 1,5 - 2 kg/sqm for smooth skim plastering.

DRYING

Dry to the touch 4 hours
Dry depth 24-48 hours



APPEARANCE

Tixotropic pasta ready to use.

BUCKET: 25 kg

Data sheet

D.t.2020 Rev 001
This document contains 2 pages

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CHARACTERISTICS

Very high breathability: the careful selection of raw materials, joined to the typical properties of the silicate, give the coating excellent values of water vapour permeability.

Workability: the thixotropy of the coating joins with its excellent fluidity and good adhesion to the substrate to reduce the detachment of material during application to the absolute minimum.

Optimal adhesion strength: the composition with a base of pure silicates gives excellent adhesion properties since it chemically reacts with the mineral substrate by means of a natural process called silicatisation.

Protection against mould and algae: The highly basic natural properties of the silicate (pH 11) prevent the conditions for the formation of bacterial efflorescence such as mould, algae, etc

FIELD OF USE

Is indicated for the decoration of new or existing external surfaces on residential, industrial or commercial buildings. It is recommended for use on cured substrates, i.e. after a curing time of at least four weeks. It is applicable on substrates such as: ISOBELL heat insulation systems, thermal plasters, reinforced skim coats in the cycles of the restoration of façades, concrete, prefabricated concrete panels.

APPLICATION METHOD

Apply the adhesive on the support to be treated with a 3-4 cm 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® PLAST with a INOX 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). For wide surface and outdoor application on junction you can apply a fiberglass net weight of 80 gr and 100 mm wide.

STORAGE

12 months in dry, protected place in unopened container at temperatures between +5 °C and +35 °C

Properties UNI EN 15824

Transmission of water vapour UNI EN ISO 7783-3	Class V1 (high permeability)
Thermal conductivity UNI EN 1745	$\lambda = 0,7$ [W/mK]
Fire resistant UNI EN 13501-1	A2 s1 d0

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