



ISOCOL EXPERT

ADHESIVE MORTAR FOR PLASTERBOARDS

TECHNICAL DEFINITION.

ISOCOL EXPERT is an adhesive mortar for interior installation of plasterboards with or without insulation. Can also be used for occasional filling of non-jointed plasterboard.

High adhesion.

COMPOSITION AND ASPECT.

Filler, presented in powder form, composed of plaster, calcium carbonate, resin and various adjuvants.

The resulting paste is white.

SUITABLE SUBSTRATES.

To stick all types of plaster boards with carded surfaces with or without insulation (glass wool, rock wool, polystyrene) on:

- Concrete.
- Cement coating.
- Chipboards.
- Aerated concrete.

REFERENCE DOCUMENTS

- DTU 25.41 and 25.42.
- Standard NF EN 14496
- CE Marking.

TECHNICAL CHARACTERISTICS.

- Setting time: 2 hours.
- Adhesion to concrete: > 1 MPA.
- Adhesion to polystyrene: breakage of polystyrene (> 0.06 MPA).
- A1 class reaction to fire.

PACKAGING.

25 kg bag on covered pallet.

STORAGE.

9 months in original unopened packaging in a dry place.



APPLICATION

PRECAUTIONS FOR USE.

The temperature on application and during drying must be between 5° and 30°C.

Do not use on a damp substrate.

Do not use paste having begun to set.

Do not apply to old paintwork.

PREPARATION OF SUBSTRATES.

The wall surface must be sound, free of dust, oil and not exude moisture.

In summer, if the substrates are too dry, they should be lightly dampened:

Differences of flatness up to 15 mm are accepted.

Investigation of old substrates must be made particularly as regards masonry coated with a hydraulic binder mortar (sampling, removal, washing).

MIXING PROPORTIONS.

12.5 litres of water per 25 kg bag.

1 volume of water + 2 volumes of powder.

Mixing will preferably be mechanical.

APPLICATION.

The adhesive is usually applied in approximately 10 cm diameter dabs, spaced apart 30 cm horizontally and 40 cm vertically (i.e. an average of 10 dabs per m²) on the plaster board or the insulation.

For fibrous insulation (glass wool, rock wool), first apply a coat of adhesive mortar.

ISOCOL EXPERT is then applied in dabs onto on this bead of coating (15 dabs per m²).

The area glued after laying the board must correspond approximately to 15 % of the surface of the panel.

When laying the boards, temporary wedges are laid out on the floor, to reserve at the bottom a space of around 1 cm.

After application on the substrate, positioning the board and making it flush with the previously laid boards are achieved by tapping it into place with a very long rule.

THICKNESS OF APPLICATION.

From 5 to 15 mm, depending on the flatness of the substrate.

CONSUMPTION.

From 1.5 to 3 kg/m² depending on the number and thickness of the dabs

DRYING TIME.

ISOCOL EXPERT hardens in 2 to 3 hours.

It is completely dry in 24 hours.

ADHESIVE MORTAR

ISOCOL EXPERT can be used well for gluing all interior thermal insulation complexes: plaster board, polystyrene, glass wool.

ADVANTAGES

- Compensation of defects in the flatness of the substrates.
- High adhesion.

APPLICATION TIP

To glue curved boards, do not hesitate to saw the insulation here and there to ensure perfect contact with the substrate.

