



# ISOCOL 99.

## ADHESIVE MORTAR FOR PLASTERBOARD

- + ENSURES PERFECT ADHESION BETWEEN THE PLASTERBOARD AND THE SUBSTRATE
- + PERFECT FOR IMPROVING THE FLATNESS OF THE SUBSTRATE

### TECHNICAL DEFINITION.

ISOCOL 99. is an adhesive mortar for bonding insulated or non-insulated plasterboard to interior surfaces. It can also be used to fill gaps between square-edged plasterboards.

### INGREDIENTS AND APPEARANCE.

**Powdered adhesive mortar made from 99.9% natural raw materials: gypsum, calcium carbonate, starch & cellulose.**

**Free from synthetic resins.**

Produces a white paste.

### SUITABLE SUBSTRATES.

All types of cardboard-faced plasterboard, with or without insulation (glass wool, rock wool or polystyrene).

- Concrete.
- Cement coatings.
- Breeze blocks.
- Autoclaved aerated concrete.
- Terracotta.

### REFERENCE DOCUMENTS.

- French DTU 25.41 & 25.42.
- NF EN 14496 standard.
- CE marking(s).
- Declaration of performance.

### TECHNICAL CHARACTERISTICS.

- Setting time: 2 hours.
- Adhesion to concrete: >1 MPA.
- Adhesion to polystyrene: polystyrene damage & breakage
- Reaction to fire: A1.

### PRECAUTIONS FOR USE.

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

Do not apply to damp substrates.

Do not use paste that has started to harden.

Do not apply over old paint.

### SUBSTRATE PREPARATION.

The surface of the wall must be sound, free of dust and oil and must not show any signs of damp or moisture.

In the summer, if the substrate is too dry, it should be slightly moistened with water.

Can be applied to substrates with flatness variations of up to 15mm.

Old substrates must be thoroughly inspected prior to application, especially masonry rendered with mortar containing hydraulic binders (sampling, chipping and washing).

### MIXING RATIO.

13 to 14 litres of water per 25 kg bag.

We recommend mixing with a paddle mixer or similar.

### APPLICATION.

ISOCOL 99. is generally applied using the dot and dab method, in dabs approximately 10 cm in diameter, spaced 30 cm apart horizontally and 40 cm apart vertically.

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

Then apply dabs of ISOCOL 99. to these strips of adhesive mortar. Once installed, the bonded surface should be approximately 15% of the total surface area of the plasterboard.

### APPLICATION THICKNESS.

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

### CONSUMPTION.

From 1.5 to 3 kg/m<sup>2</sup> depending on the number and thickness of the dabs.

### DRYING TIME.

It takes 2 to 3 hours for ISOCOL 99. to harden.

It will be completely dry after 24 hours.

### PACKAGING.

25 kg bags on covered pallets.

### STORAGE.

9 months in its original unopened packaging and protected from moisture.

### Environmentally responsible MATERIAL SOURCING.

A reduced carbon footprint thanks to short raw material supply chains. All raw materials are sourced within 40 km of our production sites.



USAGE



MANUAL APPLICATION

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