



UNIVERSAL BONDING COMPOUND

FOR DIRECT BONDING PLASTERBOARDS TO MASONRY WALLS

TECHNICAL DEFINITION

UNIVERSAL BONDING COMPOUND is an Gypsum based adhesives for interior fixing of plasterboard with or without insulation. Also allows filling of gaps between boards.

COMPOSITION AND APPEARANCE

Plaster-based powder filler, containing calcium carbonate and various additives.

The mix obtained is white.

ACCEPTED SUBSTRATES

Any type of plasterboard with paper face, with or without insulation (glass wool, rock wool, polystyrene).

- Concrete.
- Cement filler.
- Render.
- Cellular concrete.
- Clay brick.

DOCUMENTS TO CONSULT

- DTU 25.41 and 25.42.
- DoP.
- CE marking .
- Standard EN 14496.

TECHNICAL CHARACTERISTICS

- Setting time: 2 hours.
- Adherence on concrete: > 1 MPa.
- Adherence on polystyrene: breakage of polystyrene.
- A1 class reaction to fire.

PACKING

25 kg bags.

STORAGE

9 months in unopened original packing if kept away from damp.

APPLICATION

PRECAUTIONS FOR USE

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

Do not apply to damp substrates.

Do not use mix that has begun to set.

Do not apply to old paint.

PREPARATION OF SURFACES

Wall surfaces must be sound, free of dust, oil, and should not sweat damp.

In summer, if the substrates are too dry, dampen them slightly.

Differences in flatness of up to 15 mm are acceptable.

Old substrates covered by mortar/plaster must be checked for soundness and washed down.

MIXING FACTOR

From 13 to 14 l of water per 25 kg sack.

Mixing is preferably mechanical.

APPLICATION

Generally, apply in dabs of approximately 10 cm at horizontal intervals of 30 cm and vertical intervals of 40 cm.

For insulation containing fibre (glass wool, rock wool), apply an initial coat of gypsum based adhesives.

ISOCOL MORTAR is then applied in dabs to this line of filler. The surface glued up after application of the panel should correspond to around 15 % of the overall panel surface.

APPLICATION THICKNESS

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

CONSUMPTION

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

DRYING TIME

UNIVERSAL BONDING COMPOUND is hard in 2 to 3 hours.

Complete drying requires 24 hours.



UNIVERSAL BONDING COMPOUND

For direct bonding plasterboards to masonry walls: plasterboard, polystyrene, glass wool.

ADVANTAGES

- Bonds to the majority of masonry substrates.
- Easy to mix and apply.
- Dabs are quickly applied and allows adjustment during boarding.
- Capable of accommodating nominal background irregularities.
- Hand use.

APPLICATION TIP

To bond curved panels, do not hesitate to saw into the insulation in places to ensure total contact with the substrate.

