



FIX & Grout Brick

Ready to use, high performance adhesive in paste form with no vertical slip and BioBlock® anti-mould technology, used for bonding brick slips and lightweight cementitious conglomerate or synthetic resin in internal and external environments



CLASSIFICATION ACCORDING TO EN 12004

Fix & Grout Brick is a dispersion adhesive (D), improved (2) with no vertical slip (T), classified as D2T.

WHERE TO USE

Fix & Grout Brick is used for bonding all types of brick slips and ornamental lightweight cementitious conglomerate or resin on internal and external walls.

Excess adhesive which seeps out from joints, and smoothed over with a brush, also acts as a grout for these joints.

CHARACTERISTICS

Fix & Grout Brick is a ready-to-use adhesive in water dispersion made using synthetic resins, selected minerals and additives.

Fix & Grout Brick is in paste form and is easy to apply. The open time of the product is 20 minutes (at +23°C and 50% di R.H.), which makes the laying process more secure.

The adhesive is thixotropic, and brick slips bond immediately to surfaces without slipping.

The viscosity of Fix & Grout Brick is such that any

excess adhesive which seeps out from the joints may be smoothed over using a damp brush, thus avoiding having to fill gaps in the joints later. If this kind of application is used, it is important that the adhesive which seeps out from the joints is smoothed over before a skin forms on its surface.

Fix & Grout Brick sets due to loss of its water content. Once it has completely set, it is considerably flexible, forms a very strong bond and is resistant to UV rays and ageing.

Fix & Grout Brick hardens without shrinking in joints up to 8-10 mm, does not form efflorescence and resists temperatures up to +70°C.

RECOMMENDATIONS

- Do not use Fix & Grout Brick on surfaces subject to continuous immersion in liquids (in swimming pools, for example) or on walls subject to rising damp.
- Do not use for bonding non-absorbent materials on non-absorbent surfaces.
- Do not use on metallic surfaces.
- Only use Fix & Grout Brick on wood which is stable in the presence of water and which is fixed rigidly in place.

Fix & Grout Brick



Spreading grey Fix & Grout Brick to a feather edge on the substrate



Spreading grey Fix & Grout Brick diagonally with a notched trowel



Laying terracotta laths

TECHNICAL DATA (typical values)	
Conforms to the following standards:	
	– European: EN 12004 (D2T) – ISO 13007-1 (D2T)
PRODUCT IDENTITY	
Consistency:	thick paste
Colour:	white, grey and beige
Bulk density (g/cm ³):	1.65 ± 0.05
Dry solids content (%):	84
Brookfield Viscosity (mPa·s):	800,000
pH:	8-9
Application temperature range:	from +5°C to +30°C
Resistance to freeze-thaw cycles:	permanent
Storage:	24 months in a dry place in its original packaging
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3506 91 00
APPLICATION DATA (at +23°C - 50% R.H.)	
Open time (according to EN 1346):	20 minutes
Adjustment time:	30-35 minutes
FINAL PERFORMANCE	
Bond strength according to EN 1324 (N/mm ²):	
– start:	> 1
– after application of heat source:	> 1
– after immersion in water:	> 0.5
– at high temperatures:	> 1



Pressing down the lath to guarantee good buttering and filling of the joints



Smoothing the joints with a damp brush

APPLICATION PROCEDURE

Preparation of the substrate

All substrates used with this product must conform with current standards. Substrates must be flat, stable, mechanically strong, dry and free of oil, grease, wax and loose or crumbly parts.

Cracks must be sealed and any loose parts must be eliminated. If the substrate is not flat, it must be levelled using a suitable smoothing and levelling compound.

Fix & Grout Brick may be applied without a primer on gypsum substrates, if they are dry and mechanically strong.

Application of the adhesive and brick slips, and finishing off the joints

This laying method allows the brick slips to be laid with a natural finish and to finish off the joints during the same operation.

Apply **Fix & Grout Brick** on the substrate using a suitably sized notched trowel (No. 6, 8 or 10 trowel) in order to completely butter the back of the pieces to be laid. Apply the adhesive diagonally to the joints in the brick slips. Laying may be carried out directly, or after smoothing out the ridges in the adhesive using the flat edge of the trowel.

Lay the brick slips with the natural side face up in the adhesive, and move them slightly from left to right so that a small amount of adhesive collects in the joints between adjacent brick slips (leave a joint from 8 to 10 mm). Smooth over the adhesive in the joints using a suitable brush, making sure that it is dipped in water regularly to keep it damp.

Finishes laid using **Fix & Grout Brick** must be protected from the rain for at least 24

hours, and from freezing weather or direct sunlight for at least 5 to 7 days.

Cleaning

Immediately remove residues of adhesive from the finishes material using a damp sponge. Remove hardened residues of adhesive with a stiff brush.

Do not apply the product on surfaces exposed to the sun.

CONSUMPTION

- For bonding small sizes: No. 6 trowel, approximately 1.4-1.8 kg/m².
- For bonding medium sizes: No. 8 trowel, approximately 2.5-2.7 kg/m².
- For bonding large sizes: No. 10 trowel, approximately 4-4.2 kg/m².

PACKAGING

Fix & Grout Brick is available in 5 kg and 12 kg plastic tubs.

COLOURS AVAILABLE

Fix & Grout Brick is available in white, grey and beige.

STORAGE

Fix & Grout Brick may be stored for up to 24 months in its original packaging in a dry place.

Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Fix & Grout Brick is not considered hazardous according to current regulations and guidelines regarding the classification of preparations. However, we recommend the use of protective gloves and goggles, and to take the usual precautions for handling chemical products.

For further information, please refer to the Safety Data Sheet.



Spreading adhesive on the back of ornamental units



An example of laying ornamental units in lightweight cementitious conglomerate externally



Spreading adhesive to a feather edge on the substrate



Spreading white Fix & Grout Brick diagonally with a No. 10 notched trowel



Smoothing the joints with a damp brush

Fix & Grout Brick



An example of laying terracotta brick slips outside



An example of laying ornamental units in lightweight cementitious conglomerate externally

PRODUCT FOR PROFESSIONAL USE.

WARNING

While the indications and guidelines contained in this data sheet correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held

responsible for any consequences deriving from its use.



All relevant references for the product are available upon request and from www.mapei.com