

FASSA BRICKFIX

DATA SHEET

One-component white adhesive with good elasticity for bonding brick slips in the FASSATHERM FRAME CLASSIC and FASSATHERM MECHANICAL CLASSIC thermal insulation systems.



Exteriors



Notched trowel



Sack

Advantages

- Excellent workability
- Suitable for composite brick slips
- Suitable for façade coverings
- Deformable
- Extended open time
- Resistant to vertical slippage

Composition

FASSA BRICKFIX is a premixed powder adhesive composed of white Portland cement, graded sand, a high quantity of special synthetic resins and additives to improve workability and adhesion.

Supply

- special sacks with protection against moisture, approx. 25 kg

Use

FASSA BRICKFIX is used to bond the brick slips on buildings up to 2.5 stories high in the FASSATHERM FRAME CLASSIC (BAW-21219-SA-UK certified) and FASSATHERM MECHANICAL CLASSIC (BAW-21217-SA-UK certified) thermal insulation systems.

Substrate preparation

In general, the application surface must be cured, intact, dry, dimensionally stable, mechanically resistant. Any traces of oil, grease, wax, paints, varnishes etc. must be removed beforehand, as well as any loose, detaching or crumbling parts.

Mixing

Pour the contents of a sack into a bucket containing the amount of clean water specified in the "Technical Data" table and mix using a mechanical stirrer at low speed for no longer than 3 minutes, until obtaining a fluid, uniform and smooth mixture. Let the mixture stand for 5 minutes before applying. Mix again and spread the adhesive using a notched trowel, chosen depending on the type of composite brick being bonded. During application, apply a thin first layer using the smooth side of the trowel, pressing hard on the substrate so as to ensure maximum adhesion. Adding excess water will not improve adhesive workability, rather may create several different problems and reduce the final performance of the product. The mix obtained can be worked for around 4 hours in normal temperature and humidity conditions; if conditions are unfavourable, pot life may vary. Brick slips are applied by pressing and slightly moving them carefully so that the surface is in perfect contact with the adhesive.

Joints sealing

Products such as MV40 (grey) or MB60 (white) can be used to grout the joints.

Warnings

- Product for professional use.
 - Always consult the safety data sheet before use.
 - Fresh adhesive should be protected from direct sun, rain and frost for at least 24 hours.
 - Do not use directly on coatings or membranes made from bitumen or tar.
 - Comply with national standards in force.
- FASSA BRICKFIX it must be used in its original state without the addition of foreign materials.**

Storage

- Keep dry for a period not exceeding 12 months. Once the product has expired, it must be disposed of in accordance with the current legislation.

Quality

FASSA BRICKFIX undergoes accurate and continuous checks in our laboratories and is part of the FASSATHERM FRAME CLASSIC and FASSATHERM MECHANICAL CLASSIC certified systems.

Technical Data

Appearance	white powder
Specific gravity of the powder	approx. 1,300 kg/m ³
Maximum thickness	6 mm
Granulometry	<0.6mm
Mixing water	28-30%
Maturing time	approx. 5 minutes
Specific weight of the wet mortar	1,600 kg/m ³
Density of hardened adhesive	1,500 kg/m ³
pH	> 12
Duration of the mix at +20°C	approx. 4 hours
Application temperature	from +5°C to +35°C
Brick slips adjustment time	approx. 30 minutes
Waiting time before sealing the joints	approx. 1 day
Reaction to fire (EN 13501-1)	A2, s1 - d0
Compliant with standard EN 12004-1	C2TE-S1
Recycled/recovered/by-product content	The product contains some recycled/recovered/by-product. The relevant declaration is available on request.

Performance in accordance with EN 12004 C2TE S1

Initial tensile adhesion strength (EN 1348)	≥ 1 N/mm ²
Tensile adhesion strength after water immersion (EN 1348)	≥ 1 N/mm ²
Tensile adhesion strength after heat ageing (EN 1348)	≥ 1 N/mm ²
Tensile adhesion strength after freeze-thaw cycles (EN 1348)	≥ 1 N/mm ²
Extended open time: tensile adhesion strength (EN 1346)	≥ 0.5 N/mm ² after no less than 30 minutes
Vertical slippage (EN 1308)	≤ 0.5 mm
Transverse deformation (EN 12002)	≥ 2.5 mm and < 5 mm

Type of trowel	Estimated consumption
Square notch 6x6 mm	3-4 kg/m ²
(*) All consumption data refer to one single spread.	

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.