



FAST Extra Gel



Highly flexible tile adhesive - type C2TES1

APPLICATION

FAST EXTRA GEL is a modern, highly flexible adhesive intended for fixing glaze and terracotta tiles, clinker and stone (except marble and other stones sensitive to discoloration) on rigid and deformable surfaces inside and outside buildings. Due to its properties, it is perfect for gluing tiles on difficult surfaces such as: balconies, terraces, stairs, swimming pools, wet rooms (saunas, laundries), etc. The surfaces can be: concrete, hollow bricks, brick, cement and cement-lime plaster, cement and anhydrite screed, drywall and gypsum-fiber boards, floors with underfloor heating, surfaces covered with foil or waterproofing mortar, old tiles and terrazzo.

PROPERTIES

FAST EXTRA GEL is a modern mineral composition based on cement and specially selected modified silicas synthetic polymers, fiber-reinforced, frost-resistant and waterproof, with high flexibility and adhesion. Due to the content of specially selected quartz grains and polymers, the product is characterised by a much better application compared to traditional adhesive mortars.

The consistency of the glue can be freely adjusted with the appropriate amount of water depending on the preferences of the contractor, the scope of work and the type of cladding to be fixed. Minimal addition of water allows enables complete elimination of the flow to zero, thus enabling trouble-free gluing of the tiles from the top. Increasing the amount of water allows for a gradual change of working parameters until obtaining a spreading adhesive, especially predisposed when gluing tiles with low water absorption, such as stoneware or stone, where complete filling of the space between the tile and the surface is required. In addition, the gel properties of the glue guarantee high stability of the tiles, preventing them from sinking into the glue.

SUBSTRATE PREPARATION

The surface should be even, strong and dry, free from all kinds of contaminants that would reduce the adhesion of the mortar, i.e. dust, grease, remains of old paint coatings. In order to increase adhesion and eliminate dust, surfaces should always be primed with **FAST GRUNT U** or **FAST GRUNT G**.

The product can be used on the following surfaces:

- cement and cement-lime plasters (after a minimum of 28 days and the humidity not higher than 4%)
- cement screeds (after a minimum of 28 days and the humidity not higher than 4%)
- concrete (more than 3 months after and humidity not higher than 4%)
- anhydrite surfaces (humidity below 0.5%)
- gypsum (humidity below 1%)
- old ceramic cladding, terrazzo - properly degreased and cleaned

CAUTION

Heated cement and anhydrite screeds should be pre-heated before installing the tiles.

PREPARATION AND USE

Pour about 7.5 liters of water per 25 kg of dry product into the container and add the contents of the bag, stirring until the consistency of a homogenous paste is obtained. Leave for about 10 minutes and mix again before use (do not add water). The mortar prepared in this way is usable for a period of 2.5 to 3 hours. During work, the adhesive mortar should be stirred periodically every 30 minutes. The tiles should not be soaked in water prior to laying. Start laying the tiles by applying a layer of glue to the surface with the flat side of the trowel, and then collecting the excess with the comb side. The thickness of the teeth on the trowel depends on the type and size of the tiles.

It should be remembered that the size of the surface on which the adhesive mortar is to be applied should allow us to properly install the tiles before the open drying time expires. If the mortar stops sticking to hands during work, it means that the time has been exceeded and it is necessary to remove the mortar and replace it with fresh one. Please note that to ensure adequate adhesion, the adhesive mortar should cover at least 65-70% of the tile surface. In the case of installing stoneware or stone tiles, floors tiles or places exposed to intensive use, high humidity and outdoors, the tiles should be installed using the combined method, i.e. apart from applying the adhesive to the surface, the adhesive must also be applied to the reverse side of the tiles. This method of applying the adhesive ensures 100% contact of the tile with the surface and guarantees the best adhesion. The tiles should not be butt jointed. The size of the joint should depend on the dimensions of the tiles.

Depending on the temperature and relative air humidity, the joint can be applied after no less than 48 hours from laying the tiles. The works should be carried out in dry conditions with air and surface temperatures between +5°C and +25°C. Fresh claddings should be protected against unfavorable weather conditions until they are dry.

The glue obtains its full operational load resistance after min. 14 days from application. The underfloor heating can be started after min. 14 days from installing the tiles.

ADHESIVE FOR CERAMIC TILES
LAST ACTUALISATION: 2022-11-28



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TECHNICAL DATA

Base unit	kg
Base	dry cement mix specialized silicas, modified with synthetic with polymers, reinforced with fibers
Mix proportions	about 7.5 l of water for 25 kg of dry product
Mortar density after mixing with water	about 1.7 kg/dm ³
Open time of work	about (above) 30 min
Ready-to-work time	from 4 hours to 4 hours
Usage	after min. 48 hours
Adhesion to the substrate	min. 1.0 MPa
Content of soluble chromium VI	no more than 0.0002 %
Grouting	after min. 48 hours
Layer thickness	from 2 mm to 10 mm
Flow	no more than 0.5 mm
Fire reaction class	A1

USE

Depending on the type of substrate, FAST Extra Gel consumption is from 2 to 4 kg / m².

The consumption depends on the size of the comb teeth and amounts to, respectively: comb from 4-6mm about 2 kg/m² comb from 6-8mm about 3.0 kg/m² comb from 8-10mm about 4.0 kg/m²

PACKAGING

FAST EXTRA GEL	25 kg
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NORMS

Manufactured in accordance with: PN-EN 12004+A1:2012

It has a valid hygienic certificate.

STORAGE

Store in factory-sealed packages, in dry rooms, on pallets at a temperature of +5°C to +25°C. The shelf life is 12 months.

NOTES / ADDITIONAL COMMENTS

The scope of the product application recommended and specified in the product sheet or the manner of its execution does not release the contractor from carrying out works in accordance with the construction practice and health and safety rules. P.W. FAST guarantees and is responsible for the quality of the product, but has no influence on the method of its application and the conditions in which it was applied. All the technical data were measured under normal conditions, i.e. temp. +20°C and air humidity 60%. Under different conditions the drying time may change, i.e. it may be extended or shortened.

This sheet replaces all previous versions.

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WARNING

The product is irritant and contains cement, becomes alkaline after mixing with water. Avoid direct contact with the skin and protect the eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. Keep away from children.

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