



flexible adhesive mortar for ceramic and terracotta tiles on deformable and critical surfaces -C2 TE S1 type

APPLICATION

FAST EXTRA + is a highly flexible adhesive designed for fixing tiles and terracotta, clinker stoneware tiles - also large-format and stone (except marble) on rigid and deformable surfaces inside and outside buildings. 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. Due to its high flexibility, it is recommended for gluing tiles in places particularly exposed to deformation of the lining due to significant temperature changes, such as: stairs, balconies and terraces with a drop of > 2%.

PROPERTIES

FAST EXTRA +adhesive mortar is a dry mineral mixture, modified with polymer resins, enriched with polypropylene fibers, frost-resistant and waterproof, with high flexibility and adhesion, suitable for deformable and critical surfaces.

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, lime, grease, remains of old paint coatings. In order to increase the grip and eliminate dust surfaces must 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 0.5%)
- gypsum (humidity below 1%)

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 large-format 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 coverings 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. Underfloor heating can be started after min. 14 days from installing the tiles.



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TECHNICAL DATA

Base unit	kg
Base	dry cement mix with Base with mineral fillers, modified with synthetic polymers.
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 min
Ready-to-work time	from 2.5 hours to 3 hours
Tensile strength	min. 1.0 N/mm ²
Substrate and ambient temperature	from 5 °C to 25 °C
Grouting	after min. 48 hours
Layer thickness	from 2 mm to 10 mm
Flow	no more than 0.5 mm
Fire reaction class	A1/A1

USE

Depending on the type of substrate, FAST Extra + 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 2.1 kg/m² comb from 6-8mm about 3.2 kg/m² comb from 8-10mm about 4.2 kg/m²

PACKAGING

bag	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.

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



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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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