

Eufix F adhesive

Special flexible cement adhesive for basalt tiles

USE

Eufix F is highly flexible cement adhesive for bonding basalt tiles in interiors and exteriors.

ADVANTAGES

- Simple processing, lower slip level and great workability.
- High durability and strength, frost resistant and highly flexible.
- Can be used both inside and outdoors for common and problematic surfaces.
- Suitable for construction with dimension's changes as heated floors, large terraces subjected to sunshine.
- Used in areas which are permanently subjected to pouring water and artesian water (pools, wading pools and small ponds).
- Can be used as adhesive for all kinds of ceramic floor and wall tiles including materials with extremely low absorbability (for example highly sintered floor tiles of the group Bla with absorbability lower than 0.5 % and slabs from natural stone).

Eufix F is fully prefabricates mixture of aggregates, inorganic filling agents, Portland cement, and special additives. By mixing with water in a specified ratio, you will obtain a special adhesive mortar for easy working by masonry work, which is then physically and chemically hardened.

TECHNICAL DATA

Special cement adhesive with additional characteristics and decreased slip level, and prolonged setting time, **type C2TE according to EN 12004:2008**.

Typical values of mixed material:

Gauging water	0.2 – 0.23 l/kg
Workability time	app 5 hours after mixing
Grip on fused basalt	1.6 MPa
Compressive strength	> 16.5 MPa
Tensile strength when bent	> 5.3 MPa

INSTRUCTIONS AND DATA FOR USE

Substrate preparation

The substrate must be load-bearing, clean, matured, even, firm, free of dust, oil and other contamination and must not be frozen. In case of smooth and non-absorbing surfaces, as in case of old ceramics, machine smoothed concrete, hardened plastic, metal, board materials (chipboard, cement-bonded particleboard, formica) and similar it is a necessary to apply a monkey bridge prior to application of tiles. The substrate treated in this way may be encrusting by tile after 1 day.

Preparation of adhesive mortar

Adhesive mortar Eufix F is prepared by thorough mixing of the relevant quantity of the dry powder and water. For mixing mortar you use the stirring spiral paddle with 150 - 500 rpm/min and mixing time is least 3 minutes. It is necessary to leave the mortar standing up for a minimum of 3-5 minutes after then short mixing again (about 1min.). **The ratio of mixing dry powder and water is always stated also on the label of the packaging.**

Apply the adhesive mortar onto the sub-base using a comb's trowels (8-10mm) in such a way, so that a trowel was at the angle of 60-70° with the sub-base. On this prepared sub-base you must install tile during open time of adhesive (30 minutes). When this open time is exceeded, you can't to install tiles to the adhesive and you must remove the adhesive. At work with large format tiles or the surface is uneven then apply layer of adhesive not only on the sub-base, but also at the backside of the tiles. Recommended width of the joint for basalt tiles is 4 - 6 mm.

Workability time

The specific time for workability depends on the ambient temperature and the temperature of the construction. At temperature of 20 °C, the period of workability is approximately 5 hours. It is not possible to carry out repairs when the temperature of the air or the construction drops below +5 °C or when it rise above +30 °C.

Jointing

Jointing of tile may be done after initial mature of adhesive. The minimal recommended time of mature is for tiles on the wall you can do jointing after 1 day, while paving after 2 or 3 days. This time period can be longer in case of non-absorbing surfaces. Full load of tile is recommended after 7 days.

The recommended mortar for jointing is mortar Eufix F-jointing.

Cleaning

The fresh adhesive from tile and working tools may be cleaning by water. The hardened adhesive can be removed only mechanically. Smaller rests of the adhesive can also be removed using diluted acetic acid (vinegar) or using special tools for removing cement films.

Restrictions

Adhesive mortar Eufix F may not be used when the temperature of air or of the sub-base drops below +5°C and keeps on falling.

The adding of bonding agents, aggregates and other additives or sifting the mixture is forbidden.

CONSUMPTION

Eufix F - wall and floor tiles 100- 250 mm, comb size 8 mm app 3.0 – 4.0 kg/m²

PACKAGING

Eufix F 5 kg plastic bucket
25 kg bags (1,05 t palettes)

STORAGE AND TRANSPORT

It is necessary to store the material in a dry and ventilated place. These products should be transported by covered means of transport.

HEALTH AND SAFETY PRECAUTIONS


For further information, please see the Safety Data Sheet.

Adhesive **Eufix F** is not flammable.

Liquidation: Material which wasn't been used may to be mixed with water and after hardened can to be moved to the dumping ground as inert waste!

Liquidation of contaminated packaging: It can be disposed off as other waste.

Production is subject to integrated quality assurance system pursuant to ČSN EN ISO 9001:2001 and 14001:2005.

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2008 1020 - CPD - 010022965
ČSN EN 12004: 2008 Eufix F - improved cement adhesive mortar for interior and exterior application, with lower slip rate and prolonged setting time - type C2TE
Initial tensile holding force > 1.0 MPa Tensile holding force after heat ageing > 1.0 MPa Tensile holding force after setting in water > 1.0 MPa Tensile holding force after frost/de-frost cycles > 1.0 MPa Time to set - tensile holding force > 0.5 MPa not earlier than after 30 min Slip < 0.5 mm

Important note

In case of disagreement between data in the technical documentation and data on the packaging, the determining data is located on the packaging. Products of the company EUTIT s.r.o. are subject to warranty on material and production, and its sale is subject to Conditions for the Supply of Goods and Services. Company EUTIT s.r.o. Endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it. New issue of technical specifications makes the old issue redundant.