

F TECH 40

FAST-SETTING HIGH ADHERENCE AND HIGH STRENGTH REPAIR MORTAR



DESCRIPTION

- Cement-based, high adherence, and high strength, very fast-setting mortar that allows application.

INTENDED USES

- On floors, walls and ceilings in interior surfaces,
- Underneath self-levelling floor screeds,
- Filling concrete gaps and fixing cracks,
- Reparation of broken prefabricated concrete building elements,
- As a high-adherence concrete repair and correction mortar,
- As a correction and repair mortar on exposed concrete, gas concrete, cement-based plaster, screed, natural stone and old ceramic coatings.
- Sets rapidly and allows coating to be applied in a very short time.

PROPERTIES

- Sets rapidly and can be coated quickly.
- Applicable to interior surfaces.
- Easy to apply, does not require much labor.
- Does not shrink or crack.
- Used to fill cracks and gaps.
- Excellent adhesion to concrete and iron.
- Almost no shrinkage and expansion stress.
- Suitable for wheelchair and underfloor heating systems.

SURFACE TREATMENT

- The surface must be clean, dry, smooth, and solid.
- The surface must be free of residues that will prevent adhesion.
- Weak surfaces and screeds, old wallpapers, paints, etc. must be dismantled.
- Before application, primer should be applied according to the ground condition.

TECHNICAL DATA

Color	: Grey
Application Temperature	: (+10°C)-(+20°C)
Cavity unit volume mass	: 1960,6 kg/m ³
Open Time	: 15 minutes
Time required for foot traffic	: After 60 minutes
Compressive strength	: ≥ 30 N/mm ² (28th day)
Flexural strength	: ≥ 7 N/mm ² (28th day)
Time required for applying coating on	: After 60 minutes
Wheelchair compability	: Suitable
Underfloor heating systems compability	: Suitable
Fire reaction class	: A1 class

*** If requested, a fast-drying product can be produced.**

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

APPLICATION

- 25 kg FTECH 40 should be poured slowly into 5.5 lt clean water and mixed with a low-speed mixer (max.600/rpm/min.) for 4-5 minutes until a homogeneous mixture is obtained.
- The prepared mortar should be consumed within 15 minutes at an environment temperature of 10°C-20°C. The remaining material should not be used after 15 minutes Application temperature may vary during the working time of the mortar. High temperatures reduce the application time, while low temperatures increase it. If the temperature is below +5°C, application should not be done.
- The applied FTECH 40 product hardens and sets completely after approximately 45 minutes. After about 60 minutes, a final coating can be applied on it.
- Final correction can be made with self-leveling floor screed on the applied FTECH 40 product.

CONSUMPTION

- 1.6 kg/m²/mm

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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WARNINGS AND RECOMMENDATIONS

- The application must be done according to standards and instructions. The water ratio must not differ from the application guide and no substance not specified in the instruction should be added.
- The application must not be made on external surfaces and floors that are constantly wet and have dampness problems. If required, a test should be performed on a small surface.
- Surface absorbency should be determined before application, applied in one layer with a suitable floor primer and it should be allowed to dry.

QUALITY CERTIFICATES

- In accordance with EN 13813 standard and CT-C30-F7 class.

PACKAGING

- 25 kg Kraft bag (Pallet 64 bags, 1600 kg)

SHELF LIFE

- The shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

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