

BETTOCRETE F

Under Paint Surface Correction and Filler Mortar

MATERIAL DESCRIPTION

BETTOCRETE F, cement based, polymer reinforced,
is a high stability under-paint surface correction and filling mortar.

AREAS OF USE

- As a correction mortar for all kinds of concrete and plaster under paint,
- Repair of wall and ceiling plaster,
- Used for surface leveling of concrete elements with surface defects.

ADVANTAGES

- Mixes only with water, easy to apply, paste-like,
- Provides a smooth surface finish,
- Thanks to its white color, it blends perfectly under the paint.
- Provides high adherence to concrete and plastered surfaces,

TECHNICAL SPECIFICATIONS

Structure of the Material	Mineral fillers include special cement with fiber and polymer reinforcement
Color	Gray - White
Compressive Strength	(TS EN 196)
7 days	10 N/mm ²
28 days	20 N/mm ²
Adhesion Strength	(TS EN 1542)
Betona (28 days)	0.8 N/mm ²
Application Thickness	Min. 1 mm - Max. 5 mm
Applicable Floor Temperature	+5°C +30°C
Service Temperature	-20°C +80°C
Use Time (+ 20°C)	30 minutes
Full Curing Time (+ 20°C)	28 days

Note: The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.



SURFACE PREPARATION

The surfaces to be repaired must be sound and free from all kinds of dust and dirt. **BETTOCRETE M** and **BETTOCRETE ST 100 TX** repair mortars are used on surfaces requiring deep repair. The surface should be slightly moisturized.

MIXING

Pour the appropriate amount of water described on the package into a clean mixing bowl. Open the **BETTOCRETE F** bag and slowly add it into the water and mix with a 400-600 speed mixing drill for about 4 minutes until it becomes homogeneous. There should be no lumps in the material. After resting the material for 3 minutes, it is mixed again for 30 seconds and made ready for application.

MIXTURE AMOUNT

For 1 kg of **BETTOCRETE F**, approximately 275 g of water should be used. Approximately 5.5 water should be added to a 20 kg bag. **Mixture density 1.5 kg/lt.**

APPLICATION METHOD

The prepared mixture is applied with a trowel in a single application between 1-5 mm thickness. After the mortar absorbs, sprinkle water on the surface and smooth the surface with a sponge, wooden or steel trowel. The material remains usable in the container for 30 minutes at +20 °C. This time decreases rapidly when temperatures rise. The material should be placed immediately after mixing. Freshly applied surfaces should be protected from direct sunlight and excessive wind.

PACKAGING

20 kg polyethylene reinforced paper bag.

EXPENDITURE

Approximately 1.5 ^{kg/m²} powder product should be used to obtain 1 mm thickness.

SHELF LIFE

12 months from the date of production under appropriate storage conditions. Opened packages should be sealed and consumed within 1 week.

STORAGE

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long term storage, pallets should not be stacked on top of each other.

SECURITY MEASURES

During application, work clothes, protective gloves and goggles should be worn in accordance with Occupational Health and Safety rules. Avoid contact with skin and eyes during storage and application, in case of contact, wash immediately with plenty of water and soap, and in case of ingestion, consult a doctor immediately. Food and beverage products should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, Material Safety Data Sheet should be consulted.

RESPONSIBILITY

The data contained in this technical document are based on our scientific and practical knowledge. **BETTON Construction Chemicals San. ve Tic. Ltd. Şti.** is only responsible for the quality of the product. **BETTON Construction Chemicals San. ve Tic. Ltd. cannot be held responsible** for any consequences that may occur due to misuse and/or misuse other than the written recommendations on where and how to use the product. **Ltd. Şti.** cannot be held responsible.

	
BETTON CONSTRUCTION CHEMICALS SAN. VE TİC. LTD. ŞTİ. DES Sanayi Sitesi 112. Sk. D:2 Kat: 2 34776 Yulduz Ümraniye / İSTANBUL 16	
1020-CPR-040 051251 DOP NO: 30115 EN 15043	
BETTOCRETE F Repair Product 3.1 (Cement Based, Polymer Reinforced, High Stability Under Paint Surface Correction, Non-Structural Class R1 Repair Mortar)	
Fire Response Class	CLASS A1
Compressive Strength	≥ 15 Mpa
Adhesion Bond Strength	≥ 0.8 MPa
Restricted Contraction/ Expansion	≥ 0.8 MPa
Chloride Ion Content	≤ 0.05 %
Resistance to Carbonation	Red
Dangerous Goods	In accordance with Article 5.4

