

# JOINTING

## F4 FF

Bemix F4 FF is a thixotropic, expanding, pumpable jointing compound. It is used for sealing and jointing concrete elements and granite blocks. With its thixotropic consistency, it is the first choice for vertical joints. Easily applied with pumping equipment or by hand. Also suitable for horizontal joints and other types of cast joints. Expansion down to  $-10^{\circ}\text{C}$  without heating.

### Work description

#### Mixing:

Is done mechanically for approximately 5 minutes in a slow-action mixer, such as a flat or free-fall mixer. Smaller quantities can be mixed with a mixer attachment. The concrete mix should have a temperature of approximately  $20^{\circ}\text{C}$ . Compensate cold dry material with warm water and vice versa.

#### Application advice:

The surfaces of the joins should be clean and free of dust, damaged concrete, grease or other contaminants that could impair adhesion. Pre-water for at least 24 hours. Remove surface water immediately before casting. Rough surfaces give better adhesion. The concrete is applied manually and carefully packed. The concrete can also be pumped with a purpose-designed concrete pump. Ensure that joints and underpourings are always completely filled so as to avoid cavities.

#### After treatment:

Semi-hardened material can be adjusted with a finishing trowel. Free and undamaged surfaces should be treated immediately after casting with a thin, light misting of water that cannot mechanically damage the material. As soon as it is hard, water for a long period and cover with plastic. Keep the concrete damp for at least a week after application and try to keep an even temperature of  $15^{\circ}\text{C}$  while it is curing. Watering should not be done if applying in sub-zero temperatures.

# Technical data

Property	Declared value	
General		
Consumption	25 kg gives about 12.5 litres of mix	
Layer thickness	Unreinforced 5–50 mm	
Max water addition	4,0 l per 25 kg	
WCR with max water addition	0,46	
Property	Declared value	Method
Cured concrete		
Pressure resistance at 20°C		
After 24 hours	> 10 MPa	EN12190
After 7 days	> 20 MPa	EN 12190
After 28 days	> 40 MPa	EN 12190
Pressure resistance at –10°C		
After 3 days	> 3 MPa	EN12190
After 7 days	> 10 MPa	EN 12190
After 28 days	> 20 MPa	EN 12190

## Packaging

The product is supplied as standard in 25 kg sacks (item no. 5223005) but can normally also be obtained in 1,000 kg big sacks (item no. 52571640).

## Storage

Use within 12 months of the date of manufacture given on the pack. Store in a dry place.

*Finja cannot be held responsible for information other than that given in Technical data being correct. Conditions that are outside Finja's responsibility can be e.g. handling, treatment, working methods, possible reactions with other materials and local conditions at the storage or workplace. For current information always refer to [www.finja.se](http://www.finja.se)*

The logo for FINJA, featuring the word "FINJA" in a bold, sans-serif font. The letters "F", "I", and "N" are connected, as are "J" and "A". There are horizontal lines above and below the letters "I" and "N".