

# REBAmix F2 (FM)

Superplasticizer according to EN 934-2:T3.1/3.2

## Industrial use

Product No.: 250001010

## Product Information:

### Sustainability Assessment:

Concrete admixture for the use of more regional sand and aggregate qualities

### Properties:

- increased strength
- more dense concrete structure
- when using clayey aggregates

### Application:

admixture for the consistency classes F2 to F4  
precast concrete elements  
ready-mix concrete

The challenge when using clay-containing aggregates is that they can partially adsorb concrete admixtures and the effect of the admixture cannot come into its own as usual. The active ingredient of the additive is compatible with the most common clay minerals such as montmorillonite and kaolin. The additive enables ideal control over the consistency and workability of the concrete.

Concrete admixtures for the use of regional sand and aggregate qualities make a contribution to CO<sub>2</sub> reduction. Previously unused resources of clay or loamy aggregates can be used with these additives.

This type of resource conservation combined with the optimization of logistics processes means a significant reduction in CO<sub>2</sub> emissions and at the same time less disposal and waste.

A reduction in the clinker factor in cement from 0.73 to 0.5 means a reduction of > 200 kg/CO<sub>2</sub> per tonne of cement (calculation basis = approx. 750 kg to 800 kg CO<sub>2</sub> per tonne of clinker).

It is added to the finished concrete mix.

In precast plants the additive is added to the finished concrete mix in the compulsory mixer.

On site the additive is added to the ready-mix concrete mixer because the superplasticizing effect lasts only for a limited time.

### Dosage:

0.5 - 2.0 wt.% of the binding agent content

The quantity to use depends on the required effect, cement grade and type of concrete.

Please call us for technical advice.

Prior to use, a suitability test according to EN 206-1 or any applicable standards or norms relevant in your country is required.

### Specifications:

Appearance: liquid  
Colour: brown  
Density: 1.13 ± 0.03 g/ml

### Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months  
Protect from frost, direct sunlight and contamination.

### Packaging:

Containers 1110 kg, Barrels 240 kg, Canisters 20 kg  
Other delivery quantities on request

**Safety Rules:**

See EC safety data sheet.

The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When used, ensure good ventilation (5 to 15 air exchange per hour).

**Assistance:**

Please contact our Technical Application Centre.

**Industrial use:**

Recommended frequency and duration of use:

480 minutes/day

200 days/year

**Environmental Exposure:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.