



## Technical Data Sheet

# BETOCRETE-P10 (FM)

Art.-No. 4 06704

## Concentrated superplasticizer for precast applications

### Primary Uses:

BETOCRETE-P10 (FM) is mainly used to produce high fluidity concretes that develop very high early strengths. BETOCRETE-P10 (FM) is designed for use in the precast industry.

### Advantages:

- Powerful water reduction up to 35%.
- Ideal for fair-faced concrete, particularly with intricate details.
- Reduces vibration times & increases mould turn around.
- High initial strength development allows early de-moulding.
- High final strength allows cement reduction.

### Primary Properties:

Base:	Melamine/ naphthalene sulphonate
Colour:	Brown
Form:	Liquid
Density (+20° C):	1.23 g/cm <sup>3</sup>

### Compliance:

Complies with DIN EN 934-2:T3.1 & 3.2.

### Dosage Range:

0.3 – 2.0 % by weight of cement.

The final dosage quantity depends, among others, on the reactivity of the cement and the concrete recipe.

This must be determined by suitability trials.

In case of overdosing, consult our local agent or our technical office.

Suitability tests according to valid standards and norms should be carried out prior to usage.

### Instructions for Use:

BETOCRETE-P10 (FM) is best added to the ready mix as the last component. The dosage together with the gauging water is also possible when cleared in practical

tests. Mixing times depend on the type of mixer and have to be adjusted, if necessary. Sufficient final mixing times have to be secured in each case.

Suitability tests have to be carried out before practical use according to valid norms.

The action time of the superplasticizer depends on the ambient conditions.

### Estimating & Supply:

IBCs	1.100 kg
drums	220 kg
cans	25 kg

### Cleaning & Equipment Maintenance:

Regular water flushing of dispensing equipment will prolong service life and reduce breakdowns.

Use REINIT-BM on internal metal surfaces subject to contact with concrete in concrete mixers, batch plants and truck mixers regularly to prevent concrete crust formations. Use REINIT-R to remove hardened concrete crusts.

### Storage & Shelf-life:

BETOCRETE-P10 (FM) has a shelf-life of 12 months when stored at +20° C in original, unopened containers, free from frost. Always re-cap to avoid dirt contamination.

### Health & Safety:

Please adhere to the European Safety Data Sheet (MSDS)!