



## Technical Data Sheet

# REMICRETE-SP10 (FM)

Art.-No. 4 01410

## Superplasticizer for high-performance concrete and SCC

### Primary Uses:

REMICRETE-SP10 (FM) is particularly suited for concrete mixes such as:

- High performance concrete
- Self-Compacting-Concrete (SCC)
- Easy-Compacting-Concrete (ECC)
- ready mix concrete
- pumpable concrete
- pre-cast concrete
- an alternative to conventional superplasticisers when used at low dosages
- ideal for fair-faced concrete production.

### Advantages:

- Excellent workability at very low w/c ratios.
- Superior cement dispersion compared to conventional admixtures.
- Significant reduction in shrinkage and creep.
- Increased early and final strengths (compressive and flexural).

Significant permeability reduction.

### Typical Properties:

Base:	Polycarboxylate ether
Colour:	Light yellow
Form:	liquid
Density:	1.10 g/cm <sup>3</sup>

### Compliance:

Complies with EN 934-2:T2: 3.1&3.2.  
Non steel corrosive according to DIN V 18998.

### Dosage Range:

0.2 – 1.6 % 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:

REMICRETE-SP10 (FM) should mainly be added to the ready mix as the last component. Sufficient final mixing times shall be allowed. When dosed in truck mixers on the job site, a good dispersion must be cleared. Guidance value for batching time: 1 minute per m<sup>3</sup> of concrete (at least 5 minutes).

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

Superplasticizers of the latest generation should always be applied by briefed and experienced staff.

### Estimating & Supplies:

IBCs	1.060 kg
drums	180 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:

REMICRETE SP10 (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)!