



Technical Data Sheet

SAVEMIX® SP-100

Art.-No. 4 01404

Increased slump retention superplasticiser for ready-mixed concrete

Primary Uses:

SAVEMIX SP-100 is designed for ready mix concrete with extended transit times where slump retention is essential. SAVEMIX SP-100 concretes are typically suited for:

- pumpable concrete with long waiting/transit times
- large concrete pours
- cast in situ.

Advantages:

- Plasticises and retards setting times.
- Excellent dispersion and wetting of cement particles.
- Extended concrete placing times.
- Provides logistical flexibility with large concrete pours.
- Better distribution of heat of hydration.
- Improved pumpability.

Primary Properties:

Colour: brown
Form: liquid
Density (+20° C): 1.18 g/cm³

Dosage Range:

0.2 – 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 in suitability trials. During cold or warm ambient temperatures, the dosage rates have to be decreased, resp. increased as required.

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:

SAVEMIX SP-100 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. Guidance value:

1 minute per m³ of concrete (at least 5 minutes in total). Suitability tests accord. to valid standards and norms should be carried out prior to usage.

Estimating & Supply:

IBCs 1.100 kg
drums 200 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:

SAVEMIX SP-100 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)!