



## Technical Data Sheet

# SAVEMIX® 407 (BV)

Art.-No. 4 06119

## Plasticiser for high grade semi-dry concretes

### Primary Uses:

SAVEMIX 407 (BV) is particularly designed for producing semi-dry concrete elements where improved watertightness, increased chemical and mechanical resistance is required such as:

- pipes
- slatted floors
- oil separators
- septic tanks
- manholes

### Advantages:

The first main constituent of SAVEMIX 407 (BV) helps reduce the capillarity of concrete by reducing the w/c ratio while the pozzolanic suspension will react with the free lime to block any remaining capillaries. The dual synergy created by SAVEMIX 407 (BV) results in concrete with improved watertightness, chemical and mechanical resistance.

### Primary Properties:

Base:	Mod. lignosulphonate
Colour:	anthracite
Form:	liquid
Density (+ 20° C):	1.29 g/cm <sup>3</sup>
Processing temp.:	> +5°C.

### Compliance:

As plasticiser according to DIN EN 934-2:T.2 in preparation.

### Dosage Range:

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 suitable 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:

SAVEMIX 407 is added to the mix as the last component. Sufficient final batching times shall be allowed.

Prior to use, SAVEMIX 407 must be homogenized by stirring or re-pumping.

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 407 (BV) has a shelf-life of 6 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)!