



## Technical Data Sheet

# REMI-FROST

Art.-No. 4 01406

## Anti-freeze concrete and mortar admixture and setting accelerator

### Primary Uses:

REMI-FROST is a liquid admixture for cold weather concreting jobs. It is also used as a mortar admixture.

### Advantages:

- Significant decrease of the freezing point of the gauging water.
- Accelerates the hydration process, the setting and hardening of cement.
- Increased early strength values of concrete or mortar.
- Increases the flowability of the fresh mix at the same w/c ratio resp. allows the reduction of the w/c ratio with the same slump.
- Usually, addition of other plasticizers or superplasticizers not necessary.

### Typical Properties:

Colour:	brown
Form:	liquid
Density:	1.26 g/cm <sup>3</sup>
Freezing Point:	-15° C

### Dosage Range:

0.30 to 5.0 M-% by weight of cement.

We recommend the following guide-line values for the dosage at different ambient temperatures:

Amb. temperature	-5° C	-10° C	-15° C
Dos. in % of CEM	1.0	1.5	2.0

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:

REMI-FROST is best added together with the gauging water or to the ready mix as the last component. Sufficient final mixing times have to be secured in each case. Additional local regulations regarding concreting during winter times must be followed, if existing.

### Estimating & Supply:

IBCs	1.250 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:

REMI-FROST has a shelf-life of 12 months when stored at +20° C in original, unopened containers. Always re-cap to avoid dirt contamination.

Frozen material can be re-used after thawing and stirring.

### Health & Safety:

Please adhere to valid EU Materials Safety Data Sheet!