

Description

Special additive without chloride, used for mortar and concrete production against cold and frost risk.

Advantages

- Increases resistance of mortar and concrete against freezing.
- Ensures exceeding of cement and mortar resistance limit against freezing.
- Free of chloride, no damage on reinforcement.

Range of application

- In the cases when light frost effect lasts throughout the day,
- In the cases that frost is estimated for the next 24 hours,
- In the cases that sudden decrease in temperature is possible,
- In the cases that early mould releasing is required

Limits of application

- Technoplast antifreeze should be added into water mixture needed by cement.
- Compliance test in various rates with local materials should be performed for the desired performance before the application.
- Moulds should be protected against snow and icing, its temperature should be increased to plus values.
- If Technoplast antifreeze has frozen, its temperature should be defrosted and increased to plus values. Material should not be contacted with fire directly.

Conditions of application

- The ambient temperature is between: +5 °C and +30 °C.
- Sand, cement to be used in mixture should be clean fresh.

Application

- Should be shaken well before application.
- Should be added in clean mixture water and mixed.
- Mixture with Technoplast antifreeze should be added in the end of mixture.

Consumption

Averagely 2% of the cement weight. (This ratio varies between 1% and 5% due to usage of local materials and working conditions.)

Packaging

20 kg plastic drums.

Shelf life

24 months as of the production date in dry and moisture-free environment provided that packages will not be opened.

Package should be kept tightly closed when not in use.