

weber antifreeze

Mortar and concrete additive to increase frost resistance

Technical Data Sheet
Issued On: 02.12.2019
Revision No: 005

Description

Special chloride-free additive used in mortar and concrete production against risk of cold and frost.

Reference standards

Public Works Pos No: (Old 04.613/7)

Advantages

- Increases frost resistance of mortar and concrete
- Ensures quickly exceeding limits against frost for mortar and concrete
- Chloride-free structure, no damage on reinforcement.

Application areas

In cases when light frost effect lasts throughout the day
In cases when there is a risk of frost within the first 24 hours after the application
In cases when there is a risk of sudden temperature falls
In cases that early mould releasing is required

Application conditions

- Ambient and fresh concrete temperature between +5°C and +15°C.
- Sand to be used in the mixture should be clean, cement should be fresh and not deteriorated.

Application

- Shake **weber antifreeze** well before use.
- weber antifreeze** should be added to clean mixing water and stirred.
- weber antifreeze** mixture prepared should be added to the main mixture at the end.

Consumption

2% of cement weight (Changes between 1% and 5% depending on local materials used and working conditions)

Note: Changes may occur depending on the aggregate, cement, and ambient temperature at the jobsite.

Points of attention

- weber antifreeze** should be added to the mixing water needed by cement.
- For desired performance, make compliance tests before application using local materials in various amounts.
- Moulds should be protected against snow and frost; temperature of moulds should be positive.
- If **weber antifreeze** is frozen, should be defrosted in a high-temperature environment, then stirred. Avoid exposing material directly on fire.

Storage

Packaging	20 kg (19.6 l) plastic can
Colour	Transparent
Shelf Life	<ul style="list-style-type: none">24 months from date of manufacture when stored unopened and undamaged, between +5°C and +35°C, in a dry and cool environment.Packages should be kept tightly closed when not in use.

Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

LEGAL DISCLAIMER

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The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

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