

SIRIOGEL 100 L

Antifreeze additive



[info. **PRECAUTIONS**]

Use in accordance with the instructions on the technical data sheet and safety data sheet. Wear full protective clothing. Consult the toxicological data sheet.

[info. **DOSAGE**]

1-2% of the weight of the cement (1-2 kg per 100 kg of cement).

[info. **PACKAGING**]

- 1200 kg tank
- 220 kg drum
- 30 kg tank
- 5 kg container

[info. **STORAGE**]

The product must be stored in its original packaging, tightly closed and protected from frost.

[info. **TECHNICAL SERVICE**]

Detailed technical instructions on the use of the products can be requested from your local representative or directly from PROIND S.r.l.

SIRIOGEL 100 L is a chloride-free antifreeze which, by acting on the cement with a chemical-physical action, **accelerates the development of hydration heat and consequently prevents the formation of ice in cement mixtures used in winter.**

Fields of application

SIRIOGEL 100 L is used in mortars and all types of concrete: normal, reinforced, precast and, being a chloride-free product, it is also widely used in pre-stressed concrete.

Instructions for use and consumption

SIRIOGEL 100 L is used at a rate of 1-2% of the weight of the cement (i.e. 1-2 kg per 100 kg of cement), adding it at the same time as the mixing water.

Advantages

- Possibility of applying cement-based products during the winter months at temperatures down to 10 °C.
- Accelerated concrete strength at low temperatures, allowing for faster formwork removal.
- Increased initial strength to protect the concrete from frost damage.
- Greater mix cohesion, preventing segregation.

Compatibility

SIRIOGEL 100 L is compatible with all types of cement.
Each antifreeze agent must be added separately during the mixing phase.