

TECHNICAL DATA

CORUMIX-10

PRODUCT DESCRIPTION

It is an antigel universal concrete admixture that enables concreting in cold weather.



FEATURES

- Since it does not contain calcium chloride, it does not damage the reinforcement.
- It is non-corrosive. It shortens the initial and final setting times of cement.
- It ensures that the concrete strength limit (4-5 N/mm²) required for frost resistance is exceeded as soon as possible and shortens this period.
- Can be used with normal and super plasticizers.



AREAS OF USE

- It accelerates the hydration of cement and enables the concrete to set earlier.
- It is used in concrete casting at temperatures down to -10°C .
- It is used when pouring concrete in situations where frost is expected at night.
- In the production of all types of concrete, whether reinforced or unreinforced,
- In cases where early formwork removal is required,
- It is used to protect cement-based interior and exterior plasters or screeds against freezing.

APPLICATION

CORUMIX -10°C is preferably added to the mortar water or poured into the concrete mixer and/or the pan mixer in the concrete plant at the same time as the mortar water. It is not recommended to add it to the dry mixture. Then, the known processes are carried out for the production of good concrete. Early strength is obtained. Cement, aggregate and water should be protected from frost, there should be no ice particles between the water and the aggregate. If necessary, the water should be heated. The temperature of fresh concrete should not be below $+5^{\circ}\text{C}$. In order to protect the hydration heat, especially in windy environments, the concrete should be covered. It is recommended to keep the water/cement ratio at a minimum. It is recommended to use pure Portland cement in concrete production. Wooden molds should be preferred. When added directly to fresh concrete on site, the mixing time is increased by 3 minutes at high speed to ensure homogeneity. Before pouring the concrete into the mold, it should be visually checked that it is of uniform consistency. When using CORUMIX -10°C , local materials should be tried and appropriate concrete mix should be taken into consideration. Before using CORUMIX -10°C , it is recommended to carry out compatibility tests.

STORAGE, PACKAGING, CONSUMPTION

In its unopened original packaging, 48 months from the date of production.

SAFETY AND WARNINGS

S3/15: Do not expose to direct sunlight and heat.

S2: Keep out of reach of children.

S24/25: Eyes and skin must be protected when working with all chemicals.

S24/25: In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and protective glasses during work.