

Alkali Accelerator for Sprayed Concrete

Product Description

MYS Quick500 is a high-efficiency accelerator for alkali-containing shotcrete and especially wet-mix shotcrete. It enables rapid reaction with cementitious materials, immediate loss of setting time, early pre-setting, and robust development of shotcrete strength. MYS Quick500 provides a thixotropic effect and ensures optimal strength enhancement. It is alkali-based and high-performance, and can be used in combination with additives that offer high early strengths.

Technical Properties

- Form : Liquid
- Colour : Yellow-Orange
- Density : $1,380 \pm 0,03 \text{ gr/cm}^3$
- pH : $13,50 \pm 1$
- Chloride Content : $<10\%$

Field of Application

- Galleries
- Tunnels
- Mines
- Sloping slope concrete
- Drilling projection

Application Procedure

Dosage: The general dosage is between **3.0%** and **10.0%** of the cement weight in the mixture.

MYS Quick500 in concrete should be determined according to the expected mechanical properties and pre-setting requirements. Temperature, workability retention of concrete, and cement chemistry also affect the dosage rate.

The application area for MYS Quick500 shotcrete should be wet and dust-free. It is recommended to avoid any water dripping or pouring in the application area. The application is preferably done using a pump, with air-assisted spraying at the hose end.

Packaging

- Filling to tank
- Plastic Tank : 1000 lt

Warning

MYS Quick500 should be stored between 5°C and 40°C . Take special precautions against contamination and freezing.

- Avoid contact with eyes and skin, detailed health and safety information can be found in the Safety Data Sheet (SDS). Consult our experts if needed.
- Shelf Life: 3 months.