

CHRYSO SHOTSET AF

Alkali-free shotcrete accelerators

DESCRIPTION

CHRYSO® Shotset AF is an alkali free accelerator especially used for dry shotcrete applications. The reaction with cement particles is immediate as it comes in contact to water.

- **Domains of application**
- Shotcrete
- Mines
- Protection of shafts
- Tunnels, shafts, galleries
- Slope stabilization
- Tank linings

BENEFITS

Thanks to specific design formulation of the product, CHRYSO® SHOTSET AF allows spraying to take place even on wet surface subject to slight infiltrations. Provides faster setting time hence speeds up the work and contributes to good water tightness of the sprayed concrete linings. Improves durability. Makes shotcreting possible even with high slump concrete. Doesn't affect greatly the long term strength gain. It improves overhead spraying and reduces rebound loss and dust quantity. Does not contain any chlorides or nitrates to will not corrode steel. It also reduces alkali aggregate reaction.

FIELDS OF APPLICATION

- All Portland cement types

INDICATIVE INFORMATION

Product Nature	powder
Color	White
Lifetime	12 months
Water solubility	Partially Soluble
Cl⁻ Ions content	≤ 0,200 %
Equivalent Content NA₂O	≤ 1,00 %
Apparent density	0,560 ± 0,100
pH	2,50 ± 1,00

METHOD OF USE

Dosage: Optimum dosage can only be established after Trials. The dosage depends on the required setting time, type of support, temperature, workability retention of concrete and type of cement. Excess input of accelerator should be minimized by decreasing the vibration of the equipment.

Dosage :

Normal dose Dosage 2 to 6% on cement weight.

Over dosage above 10% is not recommended to avoid strength deterioration.

PRECAUTIONS

- Protect from humidity.
- Shelf life information only applies to product stored in genuine packaging.

Not to be stored at high temperatures for long periods. Should be protected from frost.

Packaging:: 25 Kg Bags

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.