

CHRYSO Jet 10AF

Alkali-free shotcrete accelerators

DESCRIPTION

CHRYSO® Jet 10 AF is an alkali free accelerator especially used for wet shotcrete applications. It starts up a sudden drop of slump and a thixotropic effect at the time of spraying. The reaction with cement particles is immediate.

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® Jet 10 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	Liquid
Color	Beige to jade
Lifetime	6 months
Water solubility	Soluble
Cl ⁻ ions content	≤ 0,200 %
Equivalent Content Na ₂ O	≤ 1,00 %
Specific gravity	1,430 ± 0,020
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. The product is introduced with a subservient pump, in the air which is added at the nozzle. A Mono pump (Screw pump) or Bredel pump (Hose pump) is recommended. Excess input of accelerator should be minimized by decreasing the vibration of the equipment. Accelerator nose and hose should be cleaned after working.

Dosage :

Normal dose Dosage 4 to 8% on cement weight.

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

PRECAUTIONS

- Do not dilute in water.
- After prolonged storage, it is recommended to agitate product prior to use. CHRYSO can advise on appropriate methods.
- Stir the product before use.

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

Packaging:: 275 kg Barrel & Bulk in 10/15 KL Tanker

SAFETY

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