

CHRYSO® Jet 30AF

Alkali-free shotcrete accelerators
Alkali free

DESCRIPTION

CHRYSO® Jet 30 AF is an alkali-free accelerator especially in case of wetcrete.

CHRYSO® Jet 30 AF starts up a sudden drop of slump and a thixotropic effect at the time of spraying.

CHRYSO® Jet 30 AF can be used in combination with superplasticisers like CHRYSO®Omega or Optima range.

BENEFITS

- High build enables faster coverage with minimised slump
- Can be applied up to 100mm in one application to vertical surfaces and up to 50mm overhead dependent on weight/volume of aggregate
- Non-caustic leads to safer handling/operating conditions
- Low rebound – controlled set allows new material to be embedded in applied mortar
- Chloride free liquid
- 28 Day strength not adversely affected

FIELDS OF APPLICATION

- Shotcrete
- Tunnel linings
- Tunnels, shafts and galleries
- Slope stabilisation
- All cement types
- Mines

CHARACTERISTICS

SPECIFICATIONS

Product Nature	Liquid
Color	Colourless
Lifetime	12 months
Specific gravity	1,250 ± 0,030
pH	2,00 ± 2,00

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

METHOD OF USE

- Ready-to-use liquid admixture.
- The optimum dosage of this product can only be established after trial tests, taking into account the rheological characteristics, the strength performances and the industrial process.

CHRYSO® Jet 30 AF is introduced in the mix through an actuated pump, if possible in the nozzle air flow.

Dosage :

The optimum dosage of **CHRYSO® Jet 30 AF** to meet specific requirements must always be determined by trials using the materials and conditions that will be experienced in use. This allows the optimization of admixture dosage and mix design and provides a complete assessment of the concrete mix.

A starting point for such trials is to use a dosage within the normal typical range of 3,0 – 10,0 litre/100kg of cementitious material, including PFA, GGBFS or microsilica.

Dosages outside the typical range suggested on this sheet may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision is available. Compliance with requirements must be assessed through trial mixes.

An overdose of double the intended amount of **CHRYSO® Jet 30 AF** may result in only a limited effect on properties of build, set time, strength and gain. Contact the **CHRYSO®** Technical Service Department for advice in these cases.

PRECAUTIONS

- Use at a temperature above 0° C.
- Shelf life information only applies to product stored in genuine packaging.
- Should the product freeze, some crystals may appear, which will disappear after agitating or when the temperature is positive again.

CHRYSO® Jet 30 AF must imperatively be stored in a dry, heat and freeze insulated environment. The temperature of the product should be maintained between 15°C and 40°C. Repeated brutal

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temperature changes may harm product performances.

SAFETY

CHRYSO® Jet 30 AF does not fall into the hazard classification of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

Refer to Material Safety Data Sheet available from CHRYSO.

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