

## CHRYSO® Jet 910 AF

Alkali-free shotcrete accelerators  
Alkali free



### DESCRIPTION

**CHRYSO® Jet 910 AF** is an alkali-free high efficiency accelerator for shotcrete and most especially wet process shotcrete.

**CHRYSO® Jet 910 AF** immediate reaction with cementitious material allows for sudden slump loss, early initial set and strength development of shotcrete.

**CHRYSO® Jet 910 AF** can be used in combination with other CHRYSO admixtures such as, **CHRYSO® Optima** range.

### BENEFITS

- High build enables faster coverage with minimised slump.
- Can be applied up to 150mm in one application to vertical surfaces and up to 100mm overhead dependent on weight/volume of aggregate.
- Low rebound – controlled set allows new material to be embedded in applied mortar.
- Chloride free liquid.
- 28 Day strength not adversely affected.

### PACKAGING

- IBC 1000L
- Bulk delivery on request

### FIELDS OF APPLICATION

**CHRYSO® Jet 910 AF** can be used in every application in wetcrete, to realise thicknesses between 15 and 20 cm in vertical (10 to 15 cm in vault) with guarantees initial strengths.

To enable high build of sprayed concrete, shotcrete and gunite without slump.

To provide set acceleration and reduce rebound.

- Shotcrete

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## INDICATIVE INFORMATION

Product Nature	liquid
Color	Straw-yellow
Lifetime	6 months
pH	3,00 ± 1,00
Cl <sup>-</sup> Ions content	≤ 0,100 %
Equivalent Content NA <sub>2</sub> O	≤ 1,00 %
Specific gravity	1,370 ± 0,030

## 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 910 AF** is introduced in the mix through an actuated pump, if possible in the nozzle air flow.
- Dosage rate needs to be adapted according to the job conditions and most especially the set time requirements. Temperature, concrete workability retention and cement chemistry will also affect the dosage rate.
- Preliminary trials should be performed in order to define the optimal dosage rate.
- The shotcrete application area must be wet and dust free. It is recommended to prevent water from pouring or dripping on the application area.
- Between 4 and 10 kg for 100 kg of cement.

## PRECAUTIONS

- After prolonged storage, it is recommended to agitate product prior to use. CHRYSO can advise on appropriate methods.
- Protect from frost.
- Store in dry ventilated conditions. Protect from heat.
- CHRYSO® Jet 910 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 temperature changes may harm product performances.

## NORMATIVE AND REGULATORY INFORMATION

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

## SAFETY

**CHRYSO® Jet 910 AF** is a product classified as "irritating". Handling may cause irritation by contact. Wearing the appropriate protective equipment (safety glasses, gloves, mask and/or covering clothes) according to the exposure is essential. Prior to any use, please read carefully the Material Safety Data Sheets.