



## Technical data sheet

# CHRYSO® ZA 906

### Strength activator for slag

#### Description

**CHRYSO® ZA 906** is an activator that is specifically formulated to increase the reactivity of slag.

#### Advantages

- Significant increase in the mechanical strength development when blended with cement.
- Improved physical and reactivity properties of ground slag.
- Allows for a greater amount of slag extension and therefore decreases the percentage of clinker in cement blends in order to reduce CO<sub>2</sub> emissions and production costs.
- The slag/cement ratios can be optimised in concrete for any given strength.
- The total binder content can be optimised in concrete for any given strength.

#### Physical and chemical properties

- Physical state (20°C): liquid
- Colour: clear to amber
- Specific gravity (20°C): 1.235 (±0.005)
- pH (20°C): 6 to 8

#### Application guidelines

##### Use

- **CHRYSO® ZA 906** is an activator that is designed to be used during the milling of slag.



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#### Method and Dosage

- It is suggested that 5 ℓ to 7 ℓ of **CHRYSO® ZA 906** is used per tonne of slag.
- Industrial trials are required to determine the optimum dosage.
- **CHRYSO® ZA 906** is a ready to use liquid activator that may be applied onto the feed conveyor belt and as such, a dosing pump is required in order to introduce the correct dosage into the mill. **CHRYSO® ZA 906** can be used in conjunction with other grinding aids.
- Dosages in excess of 10 ℓ per tonne of material to be ground should be avoided.

#### Storage

- **CHRYSO® ZA 906** is guaranteed for 12 months starting from the manufacturing date, provided no other chemicals are added to it.
- The product should be stored away from the rain, in clean, dry tanks.
- This product will not freeze above -5°C, but crystallises below 12°C if not circulated.

#### Packaging

- Bulk tanker loads
- 1 000 litre containers

#### Health and safety

This product is classified as corrosive. **CHRYSO** will provide onsite assistance when requested. Refer to the material safety data sheet.

Disclaimer: The information contained in this document is given to the best of **CHRYSO's** knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving **CHRYSO's** liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. **CHRYSO** specialists are at the disposal of the users in order to help them with any problems encountered.