

# ACB 3118

## GRINDING AID FOR GROUND GRANULATED BLAST FURNACE SLAG (GGBFS).

- PRODUCT PROPERTIES:**
- Enhances slag grinding mill productivity.
  - Reduces re-agglomeration of fine slag particles.
  - Improves the physical properties of ground slag.
  - Reduces grinding energy consumption.
  - Optimizes particle size distribution.

- APPLICATION:**
- Grinding of ground granulated blast furnace slag (GGBFS).
  - Suitable for ball mills and vertical roller mills.

- NOTES:**
- **ACB 3118** is an active grinding aid specifically designed to enhance the productivity of slag grinding units.
  - The product is specially formulated to improve early strength development in slag cement with high clinker replacement rates.
  - It enhances the efficiency of closed-circuit grinding systems by preventing buildup on grinding equipment, diaphragms, and liners, while maintaining the desired fineness. The reduction in particle re-agglomeration also helps to lower material recirculation, thereby increasing overall grinding efficiency.
  - Can be dosed directly into the mill or onto the conveyor belt feeding material to the mill.
  - Do not mix with other products.
  - Free from hazardous substances; safe to use when following standard construction safety practices (e.g. wearing gloves, safety goggles, etc.).
  - Avoid contact with food and utensils. Prevent prolonged skin contact. In case of contamination, rinse thoroughly with water. If contact occurs with eyes or mouth, rinse immediately with clean water and seek medical attention.
  - Store in a dry, well-ventilated place, away from direct sunlight at temperatures between +5°C and +35°C.

**TECHNICAL DATA:**

Characteristic	Unit	Value	Comments
Density	kg/l	1.05 ± 0.05	
Dosage	kg	0.6 – 1.2	Per 1000 kg of slag

**PRODUCT CHARACTERISTICS:**

<b>Color</b>	Transparent to light yellow.
<b>Physical state</b>	Liquid
<b>Shelf-life</b>	12 months
<b>Packaging</b>	200 L drums; 1000 L IBC tanks; Tank trucks.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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