



## AZS RAMMING MASS

Physical and chemical index

Item		AZSM-04L
Chemical Composition %	Al <sub>2</sub> O <sub>3</sub>	48
	ZrO <sub>2</sub>	30
	SiO <sub>2</sub>	20
	Others	2
Bulk density g/cm <sup>3</sup>		3.1
Crystallographic analysis after being sintered at 1300/1500°C		Corundum, zirconium oxide
Thermal conductivity		Good
Anti-corrosion property		Excellent at 1300°C
particle diameter of grain		0-0.4mm
Application temperature		Cold/low temperature
Quantity of water		10-12% (proportion by weight)
Solidification		Water (ceramic)
Packaging		25kg/bag
Quality guarantee period		12 months



## ZHENGZHOU SUNRISE REFRACTORY CO., LTD

Used for	Joint between bricks of two layers
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- USAGE:**
1. Open the bag to check if the coagulant agent is dampened or hardened, and then spread the coagulant agent uniformly into the bag;
  2. Mix certain amount of the mass according to on-site assumption. When it mixes well, add room temperature water by a ratio of 6-7%, or adjust the ratio according to local climatic condition and water content of the mixture. Blend it till there is no raw ramming mass left or till that it will break into pieces instantly when it falls to the ground after one unlooses his grip of the mass from the height of 0.33 meters;
  3. The construction site and bonder should be clean and without sundries. The leftover well-mixed mass should be covered with plastic sheet film or placed in shady and cool place. The mass that is not dry and hard can be used again; otherwise, it should be crushed and used together with other raw material or abandoned.
  4. Mix with water to make the material like slurry then press smooth by vibrating.

**CONCRETING TIME:** BEGINNING TIME: 0:15~2:00 HOURS

**FINISHING TIME:** 3:00~6:00 HOURS

**HEATING TIME:** AFTER 150:00 HOURS

THIS MATERIAL IS WITHOUT PHOSPHORUS,  
AND DOES NOT POLLUTE THE ENVIROMENT.