

**ZONECAST 1400**

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**Product Details**

**Product Description:** Zonecast 1400  
**Product Packaging:** 25Kg Paper Bags  
**Shelf Life:** 6 months

**Typical Chemical Properties CaCO<sub>3</sub>**

Elements	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
Units	%	%	%
	43.50	48.8	<1

**Typical Physical Properties**

**Continuous service limit (°C):** 1400  
**Installation Method:** Casting  
**Material Requirement (kg/m<sup>3</sup>):** 2150  
**Water addition (l/100kg):** 10  
**Raw material base:** Calcined clay  
**Bulk Density 110° (g/cm<sup>3</sup>):** 2.15  
**Crushing strength 110°C (MPa):** 40  
**Linear Change 110°C (MPa):** -0.3

**Thermal Conductivity (W/mk)**

**500°C:** 0.69  
**1000°C:** 0.8  
**Health and Safety:** Non-hazardous  
**Typical Application:** General purpose up to 1400°C