



## SIAM ENGINEERING CERAMICS CO., LTD.

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### **CERTAR-70**

SEC-Spec-Certar-70 Rev.00

## **TECHNICAL DATA SHEET**

**CERTAR-70** is ready mixed mortar in type of air-setting mortar, high refractory materials such as high dense bauxite and white fused alumina with special binder, where a high bonding strength suitable for insulating bricks, super-duty and high alumina bricks and can be use for both trowelled and dipped joints. High resistance to abrasion, corrosion, attack by acid slag, fumes and molten metal.

### **PHYSICAL PROPERTIES :**

Maximum Service Temperature	°C	1650
Maximum Grain Size of Aggregates	mm.	0.5
Density (as applied)	kg/ m <sup>3</sup>	1940
Approximate Amount Required per 1000, 9"		
Equivalent (Thinly troweller joints)	kgs.	240
Moisture Content	%	25
Refractoriness	PCE	34

### **CHEMICAL ANALYSIS :**

Alumina (Al <sub>2</sub> O <sub>3</sub> )	%	65.0
Silica (SiO <sub>2</sub> )	%	30.5
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%	1.0

The above data are typical properties for the most commonly produced commercial sizes. All data subject to reasonable deviation only, and should not be used for specification purposes. ASTM test methods, and SEC 's written procedure, where applicable used for determination of data.

**"Quality and Services are Our Mission"**

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