

## High Temperature Cement



Datasheet Code 5-5-01 E

MSDS Code 104-9-EURO REACH

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### DESCRIPTION

Cement is manufactured specially to bind various fiber insulation products to each other or bind to other refractory insulation material.

### TYPE

High temperature cement

### CLASSIFICATION TEMPERATURE

Mastic cement : 1260 °C  
Veneering cement : 1450 °C

### AVAILABILITY

**Standard sizes**  
5, 10, 25 and 50 kgs

### FEATURES

- High chemical stability
- Good adhesive strength
- High mechanical strength

### APPLICATIONS

- Bonding between refractory ceramic fiber products
- Bonding Ceramic fiber modules with existing refractory linings
- Expansion joints packing

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### MAJOR PROPERTIES

Physical Properties	MASTIC CEMENT	VENEERING CEMENT
Classification temperature °C	1260 °C	1450 °C
<b>Chemical composition (%) ( IS:12107 / XRF)</b>		
Al <sub>2</sub> O <sub>3</sub>	> 28	< 37
SiO <sub>2</sub>	< 72	< 60
Loss on ignition %	< 7	< 7
Wet Density kg/m <sup>3</sup>	1300	1500
Linear shrinkage % - 24 hrs (Max)	3.0 (At 1000°C)	-
Shelf life	3 Months from date of Manufacturing	3 Months from date of Manufacturing

The values given herein are typical values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes. Check with your Thermal Ceramics office to obtain current information.

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