

## Monomax Module System



Datasheet Code 5-5-01 E

MSDS Code 104-9-EURO REACH

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### DESCRIPTION

**MONOMAX** is a cost effective unique system for using fiber in very high temperature environment.

The system consists of Monomax Blanket, Monomax chemical and Monomax anchoring.

It is a wet processing system that allows higher density and higher compression without the use of mechanical jacks or presses.

When properly installed, Monomax can be used to a continuous operating temperature of 1482 °C

### TYPE

Refractory fiber Monomax module system

### CLASSIFICATION TEMPERATURE

Continuous Operation temperature : 1482 °C

Maximum use temperature : 1500 °C

### AVAILABILITY

Lining thickness from 300 mm to 600 mm

### FEATURES

- Flexible, resilient and pre-compressed module
- Reduced shrinkage compared to layered lining
- Versatile and be easily cut on the site to suit awkward configurations

### APPLICATIONS

- Ladle covers
- Forging furnace roofs, walls and doors
- Reheat furnace roofs

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### MAJOR PROPERTIES

Density kg/m <sup>3</sup> (Dried)	>190
Thermal Conductivity (w/mk)	0.13(Typical) @ 500 C
<b>Chemical Composition (%)</b>	
Al <sub>2</sub> O <sub>3</sub>	44 – 49
SiO <sub>2</sub>	51 – 56

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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