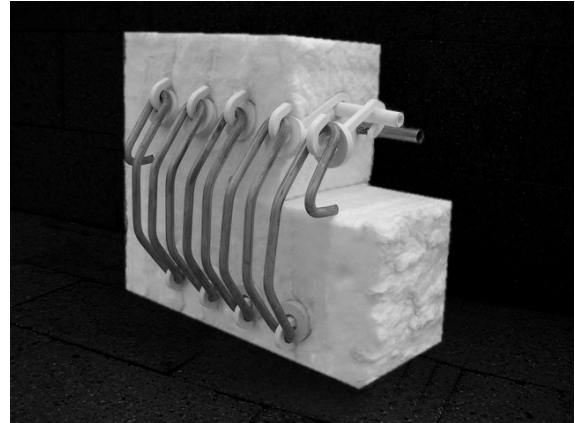


FIBRECAST ELECTRICAL ELEMENT MODULE (EEM)

The FibreCast Electrical Element Module (EEM) is an edge-grain module designed to support 'Rod-over-Bend' electric elements. This is an engineered system which consists of modules, element hangers and electric elements.

The modules are constructed from high purity spun ceramic fiber blanket. The EEM incorporates a one-shot weld and bolt system with ceramic element support tubes. Ceramic 'S' hooks are used to support the electric elements.

The 'Rod-over-Bend' elements are engineered with the correct alloy and number of elements required for the heat enclosure. Engineered drawings are provided for each installation including a part list. Complete the Application Information form on the back of this page for a quotation.



AVERAGE CHEMISTRY

	<u>HP</u>	<u>ZR</u>
Al ₂ O ₃	45%	30%
SiO ₂	55%	53%
ZrO ₃	-	16%
Other	Trace	Trace

TEMPERATURE USE LIMITS

	<u>DESIGN</u>	<u>OPERATING LIMIT</u> *
HP	2300°F	2150°F
ZR	2600°F	2450°F

* Thickness & Density dependent.

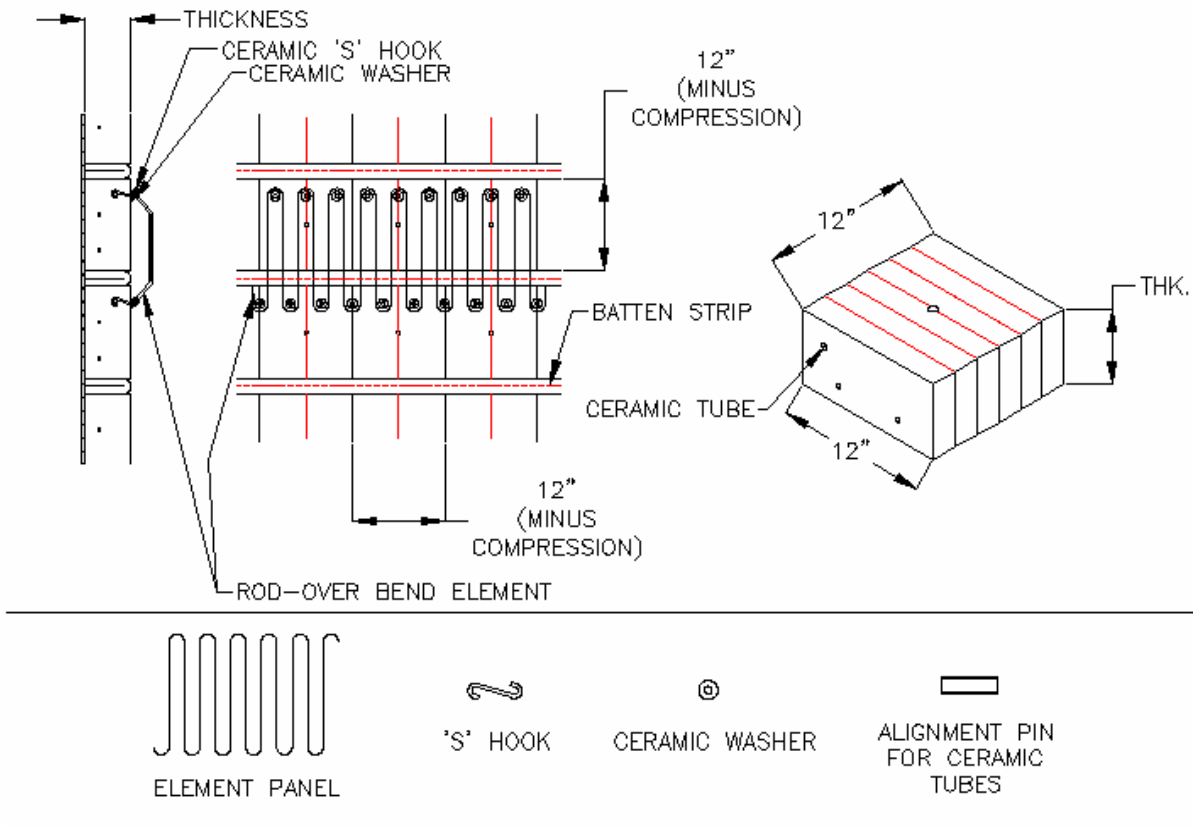
SHRINKAGE (%)

	<u>HP</u>	<u>ZR</u>
@ 1600°F	0.5	-
@ 1800°F	1.0	-
@ 2000°F	2.0	1.5
@ 2200°F	-	2.4
@ 2400°F	-	2.8

APPLICATION INFORMATION FORM (EEM)

FURNACE FUNCTION:
 FURNACE SIZE/DRAWINGS:
 REQUIRED KW INPUT:
 No. OF ZONES:
 PRIMARY VOLTAGE AVAILABLE:
 OPERATING TEMPERATURE:
 DESIRED COLD FACE TEMP.:
 MAX. LINING THICKNESS:
 ATMOSPHERE:
 No. & FAN LOCATIONS:
 DESIRED ELEMENT LOCATION:
 No. OF TERMINALS:
 NEW OR USED FURNACE:

TYPICAL INSTALLATION



Data listed are average and are subject to variation. Results should not be used for specification purposes. Subject to change without notice

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