

Z-Blok

Ceramic Fiber Modules

The Z-Blok™ Module System





Known for reliability, Z-Blok is the strongest, most flexible ceramic fiber module system available.

Qualities include:



Large format reduces joints and shrinkage



Custom designed lining includes:

- heat flow calculations
- strong anchoring/attachment system
- module layout drawings



Flexibility to fit all shapes and sizes



Lowest overall life cycle systems



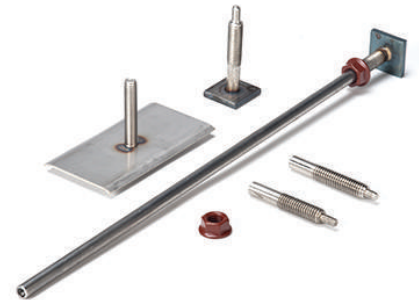
Z-Blok's construction is designed to maintain fiber integrity while the hardware maximizes stability.

RELIABILITY

Z-Blok Module Components

Refractory Ceramic Fiber

- Formed from a continuous length of top quality ceramic blanket
- Blanket is accordion folded, placed in compression, and banded
- Available in large format modules to reduce joints and shrinkage (24" x 12" and 24" x 24")
- Large format design lowers installation and operation costs



- Z-Blok stainless steel specialty hardware is installed within 1.25" of module cold face
- Internal hardware is manufactured to match steel shell configuration for engineered installation



Custom designed lining provides a system to optimize performance for all shapes and sizes.

Module Specifications

Design Temperature Limit	Recommended Operating Temperature	Construction	Density
982°C (1800 °F)	982°C (1800 °F)	Accordian Folded SMG Blanket	112 kg/m ³ (7lb/ft ³) 128 kg/m ³ (8lb/ft ³)
1316°C (2400 °F)	1232°C (2250 °F)	Accordian Folded RCF 2300F	112 kg/m ³ (8lb/ft ³) 128 kg/m ³ (9lb/ft ³)
1427°C (2600 °F)	1343°C (2450 °F)	Accordian Folded RCF 2300F	128 kg/m ³ (8lb/ft ³) 144 kg/m ³ (9lb/ft ³) 134 kg/m ³ (10.7 lb/ft ³)
1649°C (3000 °F)	1532°C (2800 °F)	Accordian Folded Mullite Blanket	96 kg/m ³ (6lb/ft ³) 128 kg/m ³ (8lb/ft ³)

Custom Module Design

All Z-Blok linings are custom designed for shapes and drawings

Z-Blok Module Specifications
Size- Thickness by width by length

Module Densities- Most often 8, 9, 9.3, 10.7, and 12 PCF

Temperature Ratings- Standard ratings include 2300°F and 2600°F with custom designs up to 3000°F



Z-Blok is manufactured to minimize installation time and reduce costs.

- The Distribution International Team will work with the end user on an optimized solution to output the fastest possible turnaround time
- Installation is streamlined through detailed installation drawings
- The Z-Blok system minimizes installation time whether the requirements are a complete rebuild or a patch
- Large format design lowers installation costs



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Distribution International has a network of over 65 locations. We've got you covered wherever you operate. Each DI facility provides unparalleled local support for delivery, installation, custom fabrication and consulting services.

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