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

Refactory 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-Block 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

<table>
<thead>
<tr>
<th>Design Temperature Limit</th>
<th>Recommended Operating Temperature</th>
<th>Construction</th>
<th>Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>982°C (1800 °F)</td>
<td>982°C (1800 °F)</td>
<td>Accordian Folded SMG Blanket</td>
<td>112 kg/m³ (7lb/ft³)</td>
</tr>
<tr>
<td>1316°C (2400 °F)</td>
<td>1232°C (2250 °F)</td>
<td>Accordian Folded RCF 2300F</td>
<td>112 kg/m³ (7lb/ft³)</td>
</tr>
<tr>
<td>1427°C (2600 °F)</td>
<td>1343°C (2450 °F)</td>
<td>Accordian Folded RCF 2300F</td>
<td>128 kg/m³ (8lb/ft³)</td>
</tr>
<tr>
<td>1649°C (3000 °F)</td>
<td>1532°C (2800 °F)</td>
<td>Accordian Folded Mullite Blanket</td>
<td>96 kg/m³ (6lb/ft³)</td>
</tr>
</tbody>
</table>

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
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.