

MaxBlok Modules

MaxBlok™ Modules are designed for full thickness furnace linings and provide a high quality insulation system. Each Module is continuously folded and compressed to specific density to provide longer furnace life.

MaxBlok™ Modules linings provide low heat loss and storage which increases furnace productivity and efficiency.

TYPICAL APPLICATIONS

Ceramic Industry

- Low Mass Kiln Cars
- Continuous and Batch Kilns
- Door Linings
- Glazing and Porcelain Furnace Linings

Power Generation

- Duct Linings
- Heat Recovery Systems
- Boiler Insulation
- Stack Linings

Refining and Petrochemical

- Ethylene Furnaces
- Pyrolysis Furnaces
- Reformer Furnaces
- Boiler Linings



Steel Industry

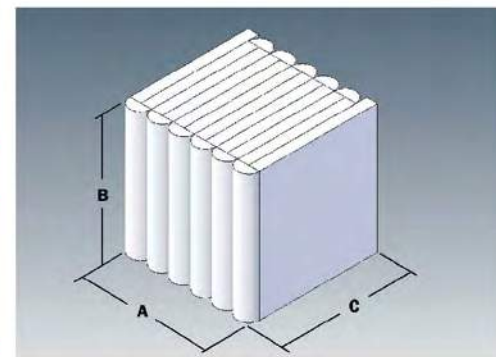
- Pre-Heat Ladle Covers
- Heat Treat Furnaces
- Soaking Pit Covers and Seals
- Reheat Furnaces

Other Applications:

- Insulation of Commercial Dryers and Ovens
- Veneer over Existing Refractory
- Stress Relieving Insulation
- Glass Furnace Crown Insulation

STANDARD DIMENSIONS:

- Dimensions: A: 305 & 610 (12" & 24")
 B: 305 & 610 (12" & 24")
 C: 100 - 305 (4" - 12")
 Special sizes upon request



Technical Specifications	LTS	HPS	HTZ
Maximum Use Limit, °F (°C)	1832 (1000)	2300(1260)	2600(1425)
Continuous Use Limit, °F (°C)	1652(900)	2200(1204)	2417 (1325)
Density ft ³ /lbs. (m ³ /kg)	Folded Modules 8,9,3,10, 12 & 14 (128,149,160,192 & 224) EDGE Grain Modules 8 & 10 (128 & 160)		
Thermal Shrinkage (%)			
24 Hrs @ 2012°F (1100 °C)		1.8	
24 Hrs @ 2372°F (1300 °C)			2.0
Chemistry			
Al ₂ O ₃	42 - 46	44 - 50	28 - 32
SiO ₂	50 - 60	50 - 56	52 - 56
ZrO ₂			14 - 18
Trace Elements < 1%			

MODULE HARDWARE AVAILABLE

- Weld - Tite: Speed Weld Stud System
- Stud - Tite: Pre - Welded Stud
- H - Anchor