CCEWOOL Thermomax Inc.
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CCEWOOL® Superbloc® Module

Temperature ratings: 1316°C (2400°F), 1430°C (2600°F)

CCEWOOL® Superbloc® Module is a block-shaped, integrated fiber module made from high-purity synthetic materials. It is produced on a fully automated, continuously controlled production line using ceramic fiber cotton blocks.

CCEWOOL® Superbloc® Module is installed using new, specialized anchors and installation tools to ensure high compression pressure between the modules. This allows for easy and quick installation, secure positioning, and safe structural integrity.

This product is a brand-new high-end offering from CCEWOOL® and is unique in its application in ceramic fiber linings.

Characteristics:

Multi-directional compression: It can be compressed in any direction, allowing for full expansion in the installation direction of the furnace lining, resulting in excellent insulation performance.

Completely seamless structure: After calcination, the product transforms from a soft, compressible block into a high-strength, seamless, and firm structure, offering high integrity and durability.

High temperature, low shrinkage: The cold face of the product can closely adhere to the furnace wall, maximizing compression between modules, ensuring low shrinkage at high temperatures, and maintaining structural integrity.

Customization: Suitable for a wide range of flat structures and for cutting and installing shaped components. Various shaped products can be manufactured according to the different shapes of equipment.

Application:

Insulation for high-temperature furnaces.

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Surface insulation of industrial kilns.

Fire-barrier material for the multi-temperature-zones furnace.

Backing insulation of petroleum, chemical, and metallurgical furnace.

High-temperature sintering sagger.

High temperature sealing for machine and precision mold.

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CCEWOOL® Superbloc® module							
Description		Superbloc Module 24			Superbloc Mlodule 26		
Classification Temperature (℃)		1316(2400℉)			1430(2600℉)		
Color		White			White		
Shot Content (%)		≤10			≤10		
Density (kg/m°)		160	192	240	160	192	240
Permanent Linear Shrinkage (%)		1200℃x24h≤3			1400℃x24h≤3		
Thermal Conductivity (W/m-K)							
400℃		≤0.09			≤0.09		
600℃		≤0.14			≤0.14		
800℃		≤0.20			≤0.20		
1000℃		-			≤0.28		
Standard Size (mm)	Length	305					
	Width	305					
	Thickness	76-305					