

# BIO SOLUBLE WOOL BOARD

SFBD-1200

*1200°C max*

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*10- 100mm*

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*250-360 kg/m<sup>3</sup>*

Biomag™ soluble wool board is made from the high temperature alkaline earth silicate wool (AES), it features high rigidity, low heating shrinkage and high binding strength. Soluble wool board is proved low bio persistence and exonerated from EU carcinogenic classification directive

Soluble wool board is suitable for thermal Insulation applications at furnaces backup linings, heat shields and fire protection



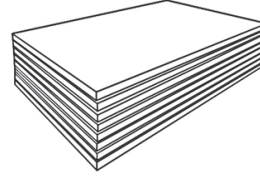
# Biomag™ Soluble Wool Board Data Sheet

<b>Technical Items</b>		SFBD1200/SFBD2192
Classification Temperature		1200°C (2192 °F)
Working Temperature Limit		1000°C (1832 °F)
Color		White
Ordor		Ordorless
Permanent Linear Shrinkage (24 Hours at temperature)		1.3% 1000°C (1832 °F)
<b>Typical Density</b>		
kg/m3		<b>250-360</b>
lb/ft3		<b>16-22</b>
Modulus of Rupture (Kpa)		400
Psi		58
<b>Thermal Conductivity-W/mk (BTU.in/hr/ft2/°F)</b>		
400°C (752°F)		0.10 0.69
600°C (1112°F)		0.16 1.11
800°C (1472°F)		0.25 1.73
<b>Chemical Composition (%)</b>		
SiO <sub>2</sub>		>60
CaO		>25
MgO		2-6

The technical data herein are typical average values based on the commonly-accepted test methods and are subject to normal variations by production lots. It is supplied as a technical service and are subject to change without notice,the data contained herein should not be used for specification purposes or contractual obligation. Check with us for latest information

# Soluble Wool Board - 1200°

- Low bio persistence soluble fiber board with 1200°C classification temperature
- Superior thermal shock resistance and low thermal conductivity
- Flexible density and thickness to support different applications in thermal insulation
- Extensively used in industrial furnaces, backup lining, heat shield and fire protection



Products Description							Shipment	Note
Temperature	Density	Length	Width	Thickness	Sq. Meter	Product Code	each 40'HC	
°C	kg/m <sup>3</sup>	mm	mm	mm	m <sup>2</sup> / pcs	Code	Pcs	
1200	250	900	600	25	0.54	SFBD1200 250 A 25	3,328	
		1,000	600	25	0.60	SFBD1200 250 B 25	2,816	
		1,200	1,000	25	1.20	SFBD1200 250 C 25	1,440	
		900	600	38	0.54	SFBD1200 250 A 38	2,496	
		1,000	600	38	0.60	SFBD1200 250 B 38	2,112	
		1,200	1,000	38	1.20	SFBD1200 250 C 38	1,080	
		900	600	50	0.54	SFBD1200 250 A 50	1,664	
		1,000	600	50	0.60	SFBD1200 250 B 50	1,408	
		1,200	1,000	50	1.20	SFBD1200 250 C 50	720	
	280	900	600	25	0.54	SFBD1200 280 A 25	3,328	
		1,000	600	25	0.60	SFBD1200 280 B 25	2,816	
		1,200	1,000	25	1.20	SFBD1200 280 C 25	1,440	
		900	600	38	0.54	SFBD1200 280 A 38	2,496	
		1,000	600	38	0.60	SFBD1200 280 B 38	2,112	
		1,200	1,000	38	1.20	SFBD1200 280 C 38	1,080	
		900	600	50	0.54	SFBD1200 280 A 50	1,664	
		1,000	600	50	0.60	SFBD1200 280 B 50	1,408	
		1,200	1,000	50	1.20	SFBD1200 280 C 50	720	
	300	900	600	10	0.54	SFBD1200 300 A 10	8,320	
		1,000	600	10	0.60	SFBD1200 300 B 10	7,040	
		1,200	1,000	10	1.20	SFBD1200 300 C 10	3,600	
		900	600	25	0.54	SFBD1200 300 A 25	3,328	
		1,000	600	25	0.60	SFBD1200 300 B 25	2,816	
		1,200	1,000	25	1.20	SFBD1200 300 C 25	1,440	
		900	600	38	0.54	SFBD1200 300 A 38	2,496	
		1,000	600	38	0.60	SFBD1200 300 B 38	2,112	
		1,200	1,000	38	1.20	SFBD1200 300 C 38	1,080	
		900	600	50	0.54	SFBD1200 300 A 50	1,664	
		1,000	600	50	0.60	SFBD1200 300 B 50	1,408	
		1,200	1,000	50	1.20	SFBD1200 300 C 50	720	
		900	600	75	0.54	SFBD1200 300 A 75	525	
		1,000	600	75	0.60	SFBD1200 300 B 75	260	
		1,200	1,000	75	1.20	SFBD1200 300 C 75	260	
		900	600	100	0.54	SFBD1200 300 A 100	525	
		1,000	600	100	0.60	SFBD1200 300 B 100	260	
		1,200	1,000	100	1.20	SFBD1200 300 C 100	260	
360	900	600	10	0.54	SFBD1200 360 A 10	8,320		
	1,200	1,000	10	1.20	SFBD1200 360 B 10	3,600		
	900	600	25	0.54	SFBD1200 360 A 25	3,328		
	1,000	600	25	0.60	SFBD1200 360 B 25	2,816		
	1,200	1,000	25	1.20	SFBD1200 360 B 25	1,440		
	900	600	38	0.54	SFBD1200 360 A 38	2,496		
	1,000	600	38	0.60	SFBD1200 360 B 38	2,112		
	1,200	1,000	38	1.20	SFBD1200 360 B 38	1,080		
	900	600	50	0.54	SFBD1200 360 A 50	1,664		
	1,000	600	50	0.60	SFBD1200 360 B 50	1,408		
	1,200	1,000	50	1.20	SFBD1200 360 B 50	720		

Notes:

- Standard package is carton box
- Customized production for other sizes or punched panels is available