

# Micore® Mineral Fiber Board

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## SB

<b>Description</b>		MICORE® SB mineral fiber board is designed to be used in stove board applications.	
<b>Advantages</b>		MICORE SB mineral fiber board is a recognized component for use in type I and II floor protectors and wall shields classified in accordance to UL1618.	
<b>Sizes</b>	<b>Thickness and Weight</b>	<b>Thickness*</b>	<b>Weight</b>
		1/2" (0.500)	0.83 – 1.08 psf
*Density range of 23 ± 3 pcf			
	<b>Tolerances</b>	Thickness	± 0.015"
		Width and length (per 4 ft.)	± 1/16" (0.0625")
<b>Physical Properties</b>	Density (pcf)	23 ± 3 lb./cu. foot	
	Modulus of rupture <sup>1</sup>	200 lb./sq. inch	
	Hardness (Janka Ball) <sup>1</sup>	30 lb.	
	Hygrometric expansion (50% to 70% R.H.)	0.10%	
	Thermal conductivity <sup>2</sup>	k Factor	0.34
R Value (1/2" board)		1.47	
<p>1. Values shown are production averages.                  2. The Thermal Resistance of the material was determined per ASTM C518-04 at a mean temperature of 110 °F.  <b>Note:</b> All values shown are those at the time of manufacturing.</p>			
<b>Storage and Handling</b>	All materials shall be delivered in their original unopened packages and stored in an enclosed shelter providing protection from damage and exposure to the elements. Damaged or deteriorated materials shall be removed from the premises.		
<b>Limitations</b>	Exposure to excessive or continuous moisture should be avoided. Installation and occupancy conditions not to exceed 85 °F/70% RH.		
<b>Submittal Approvals</b>	<b>Job Name</b>		
	<b>Contractor</b>		<b>Date</b>

**Warning**  
 Dust can cause irritation to eyes, skin and respiratory tract. Wear eye, skin and respiratory protection as necessary per working conditions. If eye contact occurs, flush with water for 15 minutes. Do not ingest. If ingested, call physician. Product safety information:  
**800 507-8899 or usg.com.**  
 Customer Service:  
**800 USG 4YOU (800 874-4968). KEEP OUT OF REACH OF CHILDREN.**

**Product Information**  
 See micore.com and usg.com for the most up-to-date product information.  
**Note**  
 Products described here may not be available in all geographic markets. Consult your United States Gypsum Company sales office or representative regarding product availability and current product specifications.  
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**Safety First!**  
 Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

