



# SPECIALTY PRODUCTS & INSULATION

## 332 AA Mineral Wool Hull Board

Navy Cloth Facing

### Description

332 AA Mineral Wool Hull Board is composed of semi-rigid mineral wool insulation board made from basalt rock and slag with a durable white fiberglass cloth facing system that can be painted. The non-combustible, mineral wool board offers fire, thermal and acoustical performance for a variety of marine applications.

The product provides A-60 ratings for bulkhead, deck and associated stiffeners. Also, with a 1200 °F maximum continuous use temperature (melt point ~ 2150 °F) the product can be applied to boilers, ovens, exhaust stacks, duct and tanks on workboats, ferries, cruise ships military vessels and offshore platforms.

### Specifications

- \* Approved as meeting Parts 2 and 5 of Annex 1 of the IMO FTP code by the U.S. Coast Guard per 164.112/133/0
- \* US Coast Guard: 164.109/164.107/164.112
- \* 3" thick for A-60 Class Steel Bulkhead, 1 1/2" on Stiffeners
- \* 2" thick for A-60 Class Steel Deck, 1 1/2" on Stiffeners

### Advantages

**Fire Performance** – non combustible core with A-60 qualified fire performance.

**Thermal Insulation** - Effective insulation system (R Value 4.2 per inch) minimizes heat transfer / energy loss providing a more comfortable, energy efficient environment.

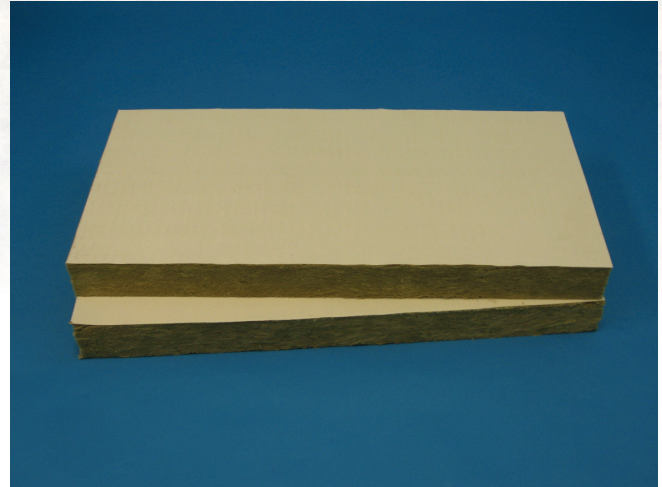
**Quality Control** - Panels are produced in compliance with an established quality control program, under follow-up service with Intertek Testing Services NA Ltd., a qualified independent third party inspection agency. This ensures consistent, high quality finished materials.

**Acoustics** – Aids with environment sound control.

**Light Reflectance** – Bright white finish provides improved illumination for interior environments which can reduce energy consumption.

### Installation

332 AA Mineral Wool (Navy Cloth) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and tape.



### Availability

#### Standard Sizes:

- 1" x 24" x 48" at 96 sf/ctn
- 2" x 24" x 48" at 48 sf/ctn
- 1.5" x 24" x 48" at 64 sf/ctn
- 3" x 24" x 48" at 32 sf/ctn

**332 AA Mineral Wool Hull Board** is available through SPI service centers nationally. Call or visit our website to locate one near you.

### Performance Compliance Data

**Facing:** color white, Glass cloth, 14.95 oz. / sq. yd. complies with Mil-C-20079 Type 1 Class 2

#### Base Board:

**Operating Temperature Limit** - (ASTM C411): 1200°F (649°C)

**Nominal Density** – 6 lb/ft<sup>3</sup>

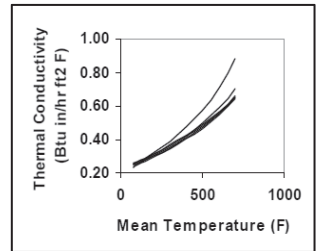
Other densities available (4 - 10 lb)  
**Thermal Conductivity** per test method ASTM C 177 & C 518 with C 1045 calculations

**Fungi Resistance** – (ASTM C665): Does not promote growth

**Base Board SCS Certified** - Minimum 25% Recycled Content

#### Sound Absorption Coefficients

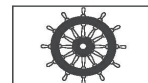
Thickness	CO-EFFICIENTS AT FREQUENCIES							NRC
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	6 / 8 lb Acoustical Data	
1.0"	0.08 / 0.11	0.33 / 0.31	0.78 / 0.82	1.03 / 1.01	1.02 / 1.02	1.04 / 1.01	0.80 / 0.80	
1.5"	0.17 / 0.21	0.62 / 0.64	1.00 / 0.92	1.05 / 1.00	1.01 / 0.95	1.01 / 1.01	0.90 / 0.90	
2.0"	0.32 / 0.43	0.81 / 0.78	1.06 / 0.90	1.02 / 0.97	0.99 / 0.97	1.04 / 1.00	0.95 / 0.90	
3.0"	0.78 / 0.75	0.89 / 0.82	1.04 / 0.89	0.98 / 0.94	1.01 / 1.00	1.02 / 1.00	1.00 / 0.90	



Note: properties as reported by base board manufacturer



Products Produced Under Lab Follow-Up Service



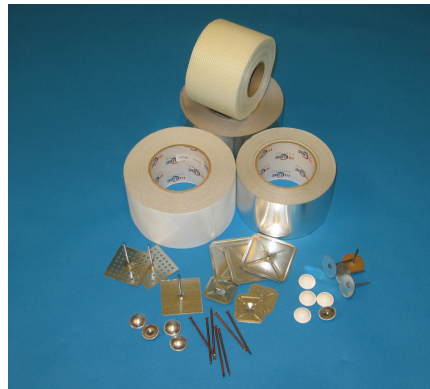
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# 332 AA Mineral Wool Hull Board (Navy Cloth) Quote / Order Form

		DATE
COMPANY	CONTACT	PHONE
PROJECT NAME & LOCATION		DATE REQUIRED
SHIP TO LOCATION		P.O. NUMBER

332 AA Mineral Wool Hull Board (Navy Cloth)	Board Size (inches & Sq. Ft.)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Qty.
Insulation Stick Pin				
White Navy Washers				
Std. Lock Washers				
Joint Tape			Roll	

Note: Final quantities rounded to full carton or packaged quantities.



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 January 2018 - 322 AA Mineral Wool Hull Board



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*For additional information visit  
<http://www.spi-co.com>*

*Please ask your SPI Sales Representative about  
 other fabrication products and services.*