



Specialty Products
and Insulation

8847 Mineral Wool Hull Board

VBD Reinforced Foil Facing

Description

8847 Mineral Wool Hull Board is composed of semi-rigid mineral wool insulation board made from basalt rock and slag with a durable foil, fiberglass scrim, polyester, facing system. 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 vore with A-60 qualified fire performance.

Thermal Insulation – This effective insulation system (R Value 4.2 per inch) minimizes heat transfer / energy loss providing energy savings and a more comfortable 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.

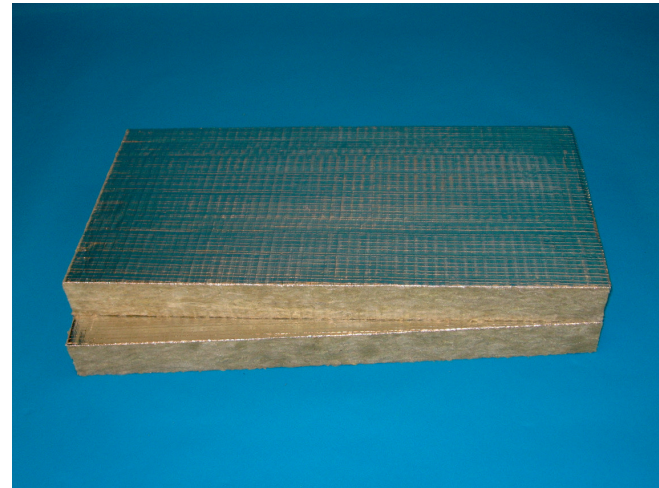
Fluid Resistance – facing system is resistance to oil and water.

Puncture Resistance – facing system offers improved puncture resistance.

Acoustics – aids with environment sound control.

Installation

8847 Mineral Wool (VBD Reinforced Foil) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and joint tape.



Availability

Standard Sizes:

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

8847 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: Aluminum foil / fiberglass scrim / metalized polyester Weight 0.019 lbs. / sq. ft.

Base Board:

Operating Temperature Limit

(ASTM C411): 1200°F (649°C)

Nominal Density - 6 lb/ft³. Other densities available (4-10lb)

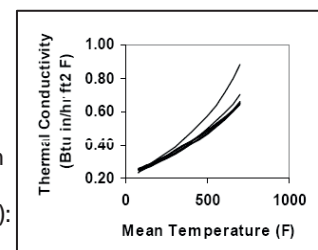
Thermal Conductivity per test method ASTM C177 & C518 with C1045 calculations

Fungi Resistance - (ASTM C665):

Does not promote growth

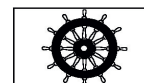
Base Board SCS Certified - Minimum 25% recycled content

Sound Absorption Coefficients



Acoustical Performance		ASTM C423						6 / 8 lb Acoustical Data	
CO-EFFICIENTS AT FREQUENCIES									
Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC		
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



1408/12

8847 Mineral Wool Hull Board (VBD Reinforced Foil) Quote / Order Form

DATE

COMPANY

CONTACT

PHONE

PROJECT NAME & LOCATION

DATE REQUIRED

SHIP TO LOCATION

P.O. NUMBER

8847 Mineral Wool Hull Board (VBD reinforced Foil)	Board Size (inches & Sq. Ft.)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Qty.
Insulation Stick Pin				
Silver Navy Washers				
Std. Lock Washers				
Joint Tape			Roll	

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



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January 2019 - PG Board TAF



Disclaimer and Limitation of Warranty. The purchaser/user is advised to consult with the appropriate professionals and to read the manufacturer's product information to determine the adequacy or appropriateness of the product for the use intended. SPI makes no claim or representation regarding the use or applicability of the products. Further, SPI makes no warranty, expressed or implied, and disclaims all warranties including warranties of merchantability and fitness for a particular purpose.

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

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products and services.**