



SPECIALTY PRODUCTS & INSULATION

59M Mineral Wool Hull Board

White Reinforced Mylar Facing

Description

59M Mineral Wool Hull Board is composed of semi-rigid mineral wool insulation board made from basalt rock and slag with a durable, fiberglass scrim and polyester film facing 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 164.112/134/0
- * 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.

Fluid Resistant – Facing System is resistant to oil and water.

Acoustics – Aids with environment sound control.

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

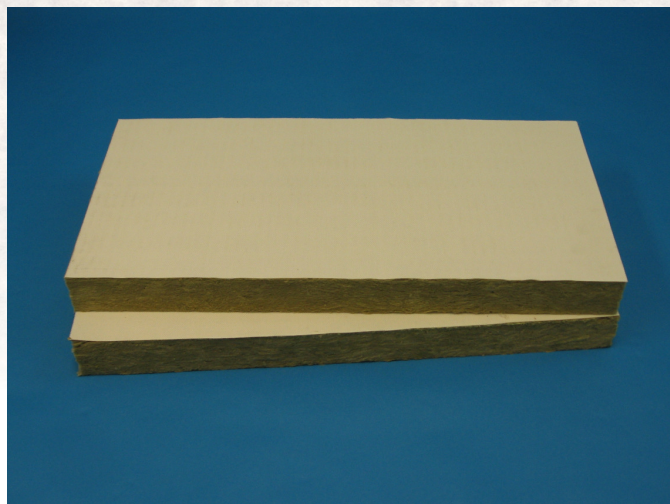
Installation

59M Mineral Wool (White Reinforced Mylar) 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



59M 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, 100% fiberglass scrim and polyester film. Weight - 3.0 oz. / sq. yd.

Complies to U.S. Coast Guard #46-CFR 164.012 Interior Finish U.S. Coast Guard Certificate of Approval 164.012/73/0

Tear Strength per ASTM-D-5587, Warp - 7 lbs, Fill – 7 lbs

Beach Puncture per ASTM-D-781, 400 units (106 in/lbs)

Base Board:

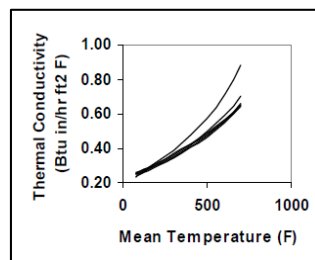
Operating Temperature Limit (ASTM C411): 1200°F (649°C)

Nominal Density – 6 lb/ft³. 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

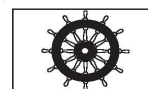
Base Board SCS Certified - Minimum 25% Recycled Content



Sound Absorption Coefficients

Thickness	CO-EFFICIENTS AT FREQUENCIES							NRC
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
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

59M Mineral Wool Hull Board (White Reinforced Mylar) Quote / Order Form

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

59M Mineral Wool Hull Board (White reinforced Mylar)	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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*For additional information visit
<http://www.spi-co.com>*

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