

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 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

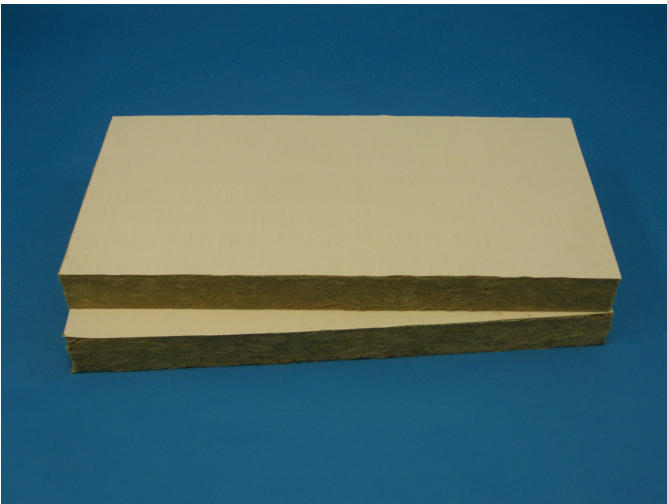
- Fire Performance** – non combustible vore with A-60 qualified fire performance.
- Thermal Insulation** – This effective insulation system (R Value 4.2 per inch) minimizes heat transfer / energy loss providing energy savings and a more comfortable environment. Quality
- Control** – panels are produced 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

59M Mineral Wool (White Reinforced Mylar) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and joint tape.

Availability

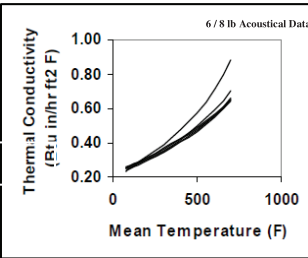
- Standard Sizes:**
- 1" x 24" x 48" at 96 sf/ctn
 - 2" x 24" x 48" at sf/ctn
 - 1.5" x 24" x 48" at 64 sf/ctn
 - 3" x 24" x 48" at 32 sf/ctn



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

Acoustical Performance			ASTM C423				6 / 8 lb Acoustical Data	
			CO-EFFICIENTS AT FREQUENCIES				6 / 8 lb Acoustical Data	
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



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.



Specialty Products
and Insulation

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

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Representative about other fabrication
products and services.*