



# 59M Marine Fiberglass Hullboard

## Description

59M Marine Fiberglass Hullboard is composed of a lightweight, semi-rigid, incombustible fiberglass board with a durable white fiberglass scrim Polyester facing system that can be painted. The felted nominal 2.9 lb. density fiberglass base board offers low organic content.

The faced insulation board is used to meet thermal requirements and enhance acoustical performance for applications on bulkheads, decks, associated stiffeners and duct work 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 164.112/0000134/0

## Advantages

**Thermal Insulation** – This effective insulation system (R Value 4.34 per inch) minimizes heat transfer / energy loss providing 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 finish materials.

**Fluid Resistant** – Facing system is resistant to oil and water.

**Improved Acoustics** - Aids sound absorption efforts.

**Light Reflectance** – Finished bright white, panels provide improved visibility.

## Installation

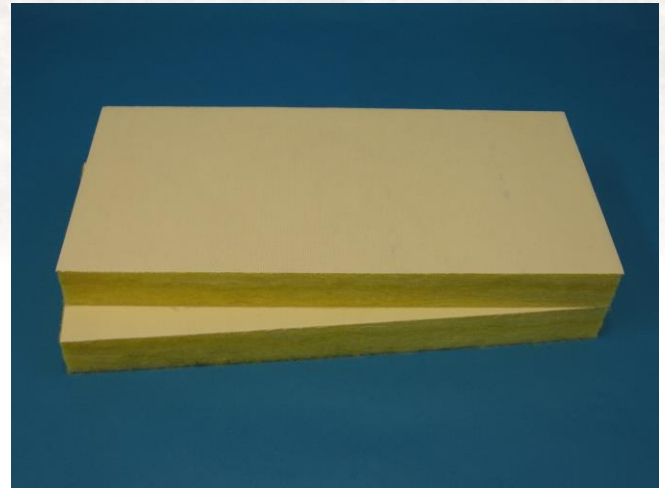
59M Marine Fiberglass Hullboard is easy to cut and fit and installs with appropriate insulation pins, clips and tape.

## Availability

### Standard Sizes:

1" x 24" x 36" at 120sf/crtn.      1" x 24" x 48" at 160 sf/crtn  
 2" x 24" x 36" at 60 sf/crtn.      2" x 24" x 48" at 80 sf/crtn

59M Marine Fiberglass Hullboard 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. 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

**Base Board:** Complies to MIL-I-742, Type II

**Operating Temperature Limit:** 450°F (232°C)

**Nominal Density** 2.9 pcf (46.5 kg/m<sup>3</sup>)

### Thermal Conductivity

Mean Temperature		Thermal Conductivity	
°F	°C	Btu·in/(hr·ft <sup>2</sup> ·°F)	W/m·°C
75	24	0.23	.033
100	38	0.25	.036
200	93	0.31	.045

### Sound Absorption Coefficients

Complies with MIL-I-22023D Requirements

Mounting Type A (Flat on the floor) [Formerly No. 4]

Thickness	Frequency, Hz	NRC*						
		125	250	500	1000	2000	4000	NRC*
1 in.	25 mm	0.06	0.29	0.75	0.99	1.04	1.02	0.75
2 in.	51 mm	0.24	1.00	1.11	1.08	1.06	1.05	1.05

\*Noise reduction coefficient.

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

Note: properties as reported by base board manufacturer

**Proudly made in the USA**

# 59M Marine Insulation Quote / Order Form

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

59M Marine Insulation	Board Size (inches & Sq. Ft.)			
	Tks.	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.



## Winroc-SPI

1650 Manheim Pike, Suite 202  
 Lancaster, PA 17601-3088  
 Phone: (800) 788-7764  
 Fax: (717) 519-4046  
 Web: www.spi-co.com  
 E-mail: fabteam@spi-co.com

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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. Winroc-SPI makes no claim or representation regarding the use or applicability of the products. Further, Winroc-SPI makes no warranty, expressed or implied, and disclaims all warranties including warranties of merchantability and fitness for a particular purpose.

***For additional information please visit  
[www.winrocspi.com](http://www.winrocspi.com)***

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