



# SPECIALTY PRODUCTS & INSULATION

## 8847 Fiberglass Hull Board

VBD Reinforced Foil Facing

### Description

8847 Fiberglass Hull Board is composed of a lightweight, semi-rigid, incombustible fiberglass board with a durable silver 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 pleasure craft, 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 164.112/144/0

### Advantages

**Thermal Insulation** – This effective insulation system (R Value 4.34 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.

**Puncture resistance** – Facing system offers improved puncture resistance.

**Improved Acoustics** - Aids with environment sound control.

### Installation

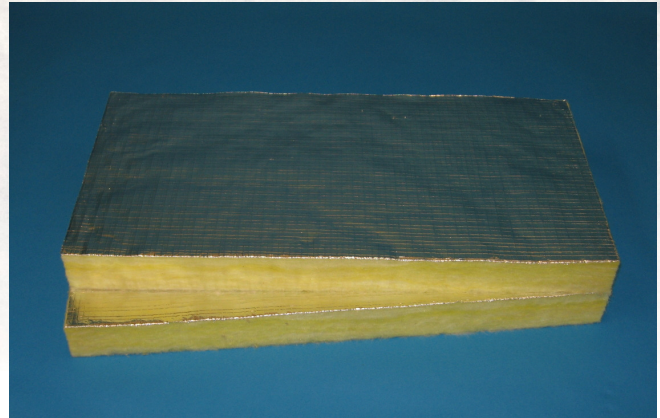
8847 Fiberglass Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and tape. It can also be fabricated into beam wraps and other structural component covers.

### Availability

#### Standard Sizes:

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

8847 Fiberglass Hull Board is available through SPI service centers nationally. Call or visit our website to locate one near you.



### Performance Compliance Data

**Facing:** Color Silver, composition, Foil / Scrim / Metalized Polyester, .009 inch thickness, .0188 lbs. / sf.

**Base Board:** Coast Guard/IMO Approved 164.109/46/0, MIL-I-742F, 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

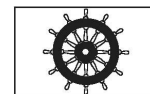
Mounting Type A (Flat on the floor) [Formerly No. 4]

Thickness	mm	Frequency, Hz						NRC*
		125	250	500	1000	2000	4000	
1	25	0.06	0.29	0.75	0.99	1.04	1.02	0.75
2	51	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



1408/12

# 8847 Fiberglass (VBD Reinforced Foil) Hull Board Quote / Order Form

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

8847 Fiberglass (VBD Reinforced Foil) Hull Board	Board Size (inches & Sq. Ft.)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Quantity
Insulation Stick Pin				
Silver Navy Washers	N.A.			
Std. Lock Washers	N.A.			
Joint Tape	N.A.		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.*