



Specialty Products  
and Insulation

## 332AA Fiberglass Hull Board

Navy Cloth Facing

### Description

332 Fiberglass (Navy Cloth) Hull Board is composed of a lightweight, semi-rigid, incombustible fiberglass board with durable white fiberglass cloth 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 164.112/133/0

\* U.S. Navy MIL-I-742, Type I.

### Advantages

**Thermal Insulation** – This effective insulation system (R Value 3.4 per inch) minimizes heat transfer / energy loss providing energy savings and a more comfortable environment.

**Quality Control** – Faced blanket is 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.

**Acoustics** - Aids with environmental sound control.

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

### Installation

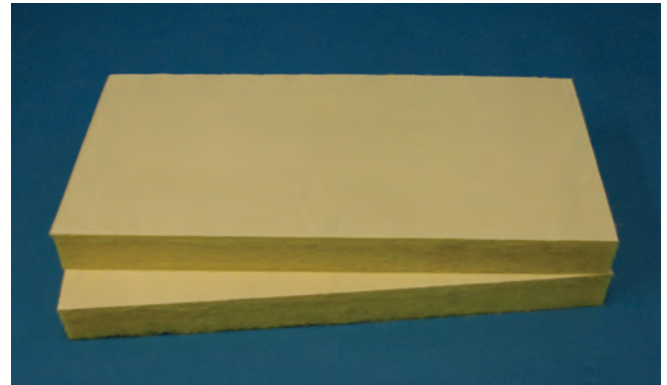
332 Fiberglass (Navy Cloth) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and tape. It can also be fabricated into beam wraps and other structural component covers.

### Availability

#### Standard Sizes:

1" x 24" x 36" at 120 sf/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

332 Fiberglass (Navy Cloth) 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, Glass cloth, 14.95 oz. / sq. yd. complies with Mil-C-20079 Type 1 Class 2

**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**

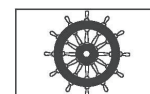
**Mounting Type A (flat on the floor) [Formerly No. 4]**

Thickness		Frequency, Hz						
inches	mm	125	250	500	1000	2000	4000	NRC*
1	25	0.06	0.26	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

## 332 Fiberglass (Navy Cloth) Hull Board Quote / Order Form

DATE

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

332 Fiberglass (Navy Cloth) Hull Board	Board Size (inches & Sq. Ft.)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Quantity
Insulation Stick Pin				
White Navy Washers	N.A.			
Std. Lock Washers	N.A.			
Joint Tape	N.A.		Roll	

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



### SPI Specialty Products & Insulation

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2019 - 332 Fiberglass Hull Board

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[www.spi-co.com](http://www.spi-co.com)**

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services**