



SPECIALTY PRODUCTS & INSULATION

332 AA Fiberglass Hull Board

Navy Cloth Facing

Description

332 AA Fiberglass (Navy Cloth) Hull Board is composed of a lightweight, semi-rigid, incombustible fiberglass board with a durable white fiberglass cloth facing 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 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.

Acoustics – Aids with environment sound control.

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

Installation

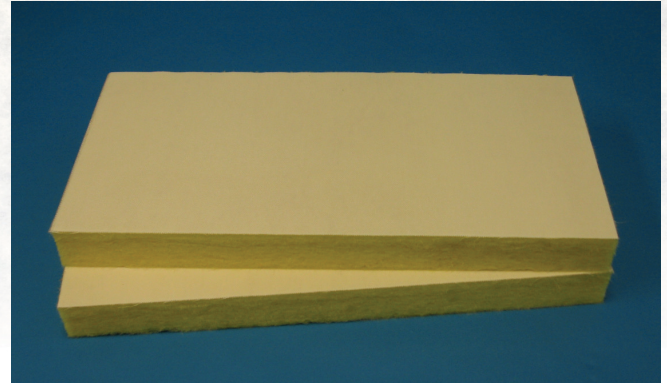
332 AA Fiberglass (Navy Cloth) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips and tape. It can also be fabricated into beam wraps and other structural component covers.

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 AA 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 to 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/m³)

Thermal Conductivity

Mean Temperature		Thermal Conductivity		
°F	°C	Btu-in/(hr-ft ² -°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*						
		inches	mm	125	250	500	1000	2000
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

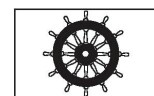
*Noise reduction coefficient.

Base Board SCS Certified - Minimum 25% Recycled Content

Note: properties as reported by base board manufacturer



Products Produced Under Lab Follow-Up Service



1408/12

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

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

332 AA 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.



**SPECIALTY PRODUCTS
& INSULATION**

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



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

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