Specialty Products and Insulation

002AL Fiberglass Hull Board

2 Mil Aluminum Foil Facing

Description

002AL Fiberglass Hull Board is composed of a lightweight, semi-rigid, incombustible fiberglass board with a 2 mil aluminum foil facing. The felted nominal 2.9 lb. density fiberglass bas 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, work boats, 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.
Vapor Barrier - Facing system is an excellent vapor barrier.
Fluid Resistant - Facing system is resistant to oil and water.
Acoustics - Aids with environment sound control.

Installation

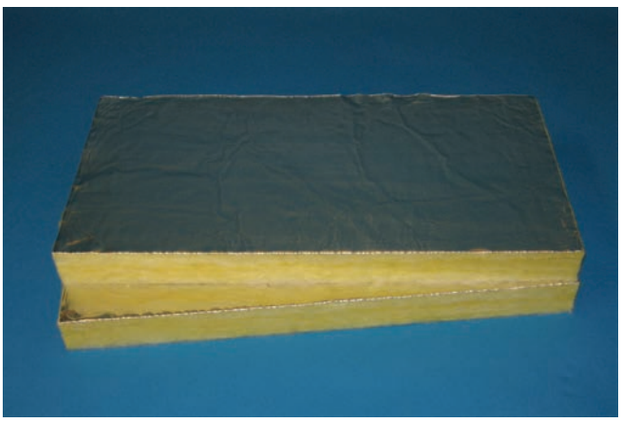
8847 Fiberglass Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips, and tape. It can also be fabricated into beam wraps and other structural component covers.

Availability

Standard Sizes:

1" x 24" x 36" at 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

002AL Fiberglass Hull Board is available through SPI service centers nationally. Call or visit our website to locate one near you.



Performance Compliance Data

Facing: 2 Mil Aluminum Foil, 0.028 lbs / sq. ft.
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^3)
Thermal Conductivity

Mean Temperature		Thermal Conductivity	
°F	°C	Btu•in/(hr•ft2•°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

Intertek

1408/12

002AL Fiberglass (2 Mil Aluminum Foil) Hull Board Quote / Order Form

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

002AL Fiberglass (2 Mil Aluminum 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 (Foil)	N.A.		Roll	

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

spi Specialty Products and Insulation

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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.