



Specialty Products  
and Insulation

# 002AL Mineral Wool Hull Board

2 Mil Aluminum Foil Facing

## Description

002AL Mineral Wool Hull Board is composed of semi-rigid mineral wool insulation board made from basalt rock and slag with a durable foil, fiberglass scrim, polyester, facing system. The non-combustible, mineral wool board offers fire, thermal and acoustical performance for a variety of marine applications. The product provides A-60 ratings for bulkhead, deck and associated stiffeners. Also, with a 1200°F maximum continuous use temperature (melt point ~ 2150°F) the product can be applied to boilers, ovens, exhaust stacks, duct and tanks on workboats, ferries, cruise ships military vessels and offshore platforms.

## Specifications

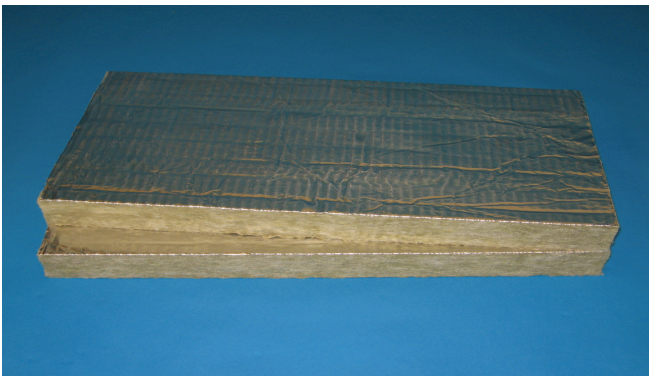
- \*Approved as meeting Parts 2 and 5 of Annex 1 of the IMO FTP code by the U.S. Coast Guard per 164.112/133/0
- \*US Coast Guard: 164.109/164.107/164.112
- \*3" thick for A-60 Class Steel Bulkhead, 1 1/2" on Stiffeners
- \*2" thick for A-60 Class Steel Deck, 1 1/2" on Stiffeners

## Advantages

- Fire Performance – non combustible vore with A-60 qualified fire performance.
- Thermal Insulation – This effective insulation system (R Value 4.2 per inch) minimizes heat transfer / energy loss providing energy savings and 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 finished materials.
- Fluid Resistance – facing system is resistance to oil and water.
- Vapor Barrier - Facing system is an excellent vapor barrier.
- Acoustics – aids with environment sound control.

## Installation

002AL Mineral Wool (2Mil Aluminum Foil) Hull Board is easy to cut and fit and installs with appropriate insulation pins, clips, and tape.



## Availability

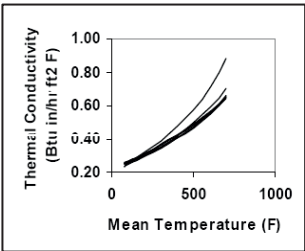
- Standard Sizes:**
- 1" x 24" x 48" at 96 sf/ctn
  - 2" x 24" x 48" at sf/ctn
  - 1.5" x 24" x 48" at 64 sf/ctn
  - 3" x 24" x 48" at 32 sf/ctn

**002AL Mineral Wool 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, Weight: 0.028 lbs. / sq. ft.

**Base Board:**  
**Operating Temperature Limit**  
(ASTM C411): 1200°F (649°C)  
**Nominal Density** - 6 lb/ft³. Other densities available (4-10lb)  
**Thermal Conductivity** per test method ASTM C177 & C518 with C1045 calculations

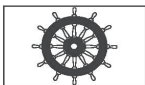


**Fungi Resistance** - (ASTM C665):  
Does not promote growth

**Base Board SCS Certified** - Minimum 25% recycled content  
**Sound Absorption Coefficients**

Acoustical Performance		ASTM C423							6 / 8 lb Acoustical Data
		CO-EFFICIENTS AT FREQUENCIES							
Thickness		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		NRC
1.0"	0.08 / 0.11	0.33 / 0.31	0.78 / 0.82	1.03 / 1.01	1.02 / 1.02	1.04 / 1.01	0.80 / 0.80		
1.5"	0.17 / 0.21	0.62 / 0.64	1.00 / 0.92	1.05 / 1.00	1.01 / 0.95	1.01 / 1.01	0.90 / 0.90		
2.0"	0.32 / 0.43	0.81 / 0.78	1.06 / 0.90	1.02 / 0.97	0.99 / 0.97	1.04 / 1.00	0.95 / 0.90		
3.0"	0.78 / 0.75	0.89 / 0.82	1.04 / 0.89	0.98 / 0.94	1.01 / 1.00	1.02 / 1.00	1.00 / 0.90		

Note: properties as reported by base board manufacturer



1408/12

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

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

002AL Mineral Wool Hull Board (2 Mil Aluminum Foil)	Board Size (inches & Sq. Ft.)			
	Thickness	Width	Length	SF
Accessories	Length	Size	Diam.	Qty.
Insulation Stick Pin				
Silver Navy Washers				
Std. Lock Washers				
Joint Tape			Roll	

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



**spi** Specialty Products  
and Insulation  
**SPI Specialty Products & Insulation**  
2101 Rexford Road Suite 300E  
Charlotte, NC 28211  
Phone: (855) 519-4044  
**Web:** [www.spi-co.com](http://www.spi-co.com)  
**E-mail:** [fabteam@spi-co.com](mailto:fabteam@spi-co.com)  
March 2019 - 002AL Mineral Wool Hull  
Board



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.**