



IMO / US Navy Certified Insulations

RB, L.L.C.

Insulation with integrity, from people who care.

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Nautica IMO RMW Acoustic Board

Description:

Nautica IMO RMW acoustic board is an excellent sound absorbing fiberglass hullboard with a reinforced polyester film facing that provides both a vapor retardant and is resistant to hydrocarbons and most chemicals. It is approved by both the U.S. Navy and the U.S. Coast Guard for thermal and acoustic treatments in the machinery spaces in ships. It can also be used in mechanical rooms in commercial buildings.

Installation is with insulation pins and clips, and joints can be covered with fiberglass lagging tape or a matching reinforced polyester tape.

Specifications:	U.S. Coast Guard: 164.109/164.112 U.S. Navy: MIL-I-22023D, Type III
Standard Sizes:	1" x 24" x 48" (160 sf/ctn) 2" X 24" 48" (80 sf/ctn)
Weight:	1": .27 lbs/sf 2": .51 lbs/sf

Base Board:	Nominal 3 pcf Fiberglass Board
Facing:	Polyester Film with 10x10 Glass Fiber Mesh
Color:	White
Weight:	2.8 Oz/Square Yard
Permeability:	0.5 Perms (MVTR-ASTM-3-96-66A)
Tear Strngth:	Warp/Fill—7 Lb Min. (ASTM-D-1117)
Flame Spread/ Smoke:	Meets Part 2 of the FTP Code
Thermal Conductivity:	.23@75°F Temp (BTU-IN/SF/°F/HR)
Noise Reduction Coefficient:	2" = .90

Sound Absorption Coefficients

Freq	125	250	500	1000	2000	4000	NRC
1"	.05	.48	1.07	.95	.52	.33	.75
2"	.41	1.10	1.13	.88	.58	.28	.90

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