



# IMO / US Navy Certified Insulations

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Insulation with integrity, from people who care.

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## Nautica IMO RMW Acoustic Board with Foil Insert

### **Description:**

Nautica IMO RMW with Foil Insert is an excellent sound absorbing and moderate transmission loss acoustic insulation. A 2 mil aluminum foil insert adds a respectable T/L to the product, to help prevent the passage of sound from one compartment to its neighboring compartment. The IMO RMW facing is a reinforced polyester film facing that provides both a vapor retardant and is resistant to hydrocarbons and most chemicals.

This product provides significant weight and cost savings over lead insert products.

To meet USCG and IMO requirements, the installer shall insert one layer of foil faced insulation board, and then install a second layer of IMO RMW faced hull-board.

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)

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 Strength: Warp/Fill—7 Lb Min. (ASTM-D-1117)

Flame Spread/

Smoke: Meets Part 2 of the FTP Code

Foil Insert: 2 mil aluminum foil

Thermal Conductivity: .23@75°F Temp (BTU-IN/SF/°F/HR)

Sound Transmission Class: 2" = 17

Sound Transmission Loss (db)

Freq	125	250	500	1000	2000	4000	STC
2" Thk	10	9	13	17	25	36	17