



IMO / US Navy Certified Insulations

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Nautica TA-301 RMW Acoustic Hullboard

Description:

Inherently fire resistant, this light weight hullboard was developed for significant weight reduction of thermal insulation for the U.S. Navy. The polyimide foam board, Solimide TA-301 is approximately 1/6th the weight of traditional fiberglass hullboard. The RMW facing provides a tough moisture and oil resistant acoustic interior finish. Few if any stud fasteners are required.

<i>Specifications:</i>	U.S. Navy: base material DOD-I-24688 Type I
<i>Facing:</i>	Reinforced polyester film IAW Mil-I-22023 Ty III
<i>Standard Sizes:</i>	1 x 24 x 48 (160 sf/carton) 2 x 24 x 48 (80 sf/carton)
<i>Weight:</i>	1" .10 lbs/sf 2" .14 lbs/sf

Base Board: Solimide TA-301 Polyimide foam per DOD-I-24688, 0.4 pcf density

<i>Facing:</i>	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

Thermal Conductivity: .30@75°F Temp (BTU-IN/SF/°F/HR)

Acoustic Absorption:

Freq. Hz	125	250	500	1000	2000	4000	NRC
TA RMW 2"	.27	.58	.90	.44	.36	.29	.55
TA PFG 2" with inter- nal grooves	.27	.68	1.18	1.18	.78	.27	.85