

dB-Ply® Marine



NOISE REDUCING ACOUSTICAL PANEL FOR BOATS

dB-Ply® Marine provides a one-step application to cost effectively reduce engine noise

- Reduces noise and vibration
- Minimal floor prep required for applying floor coverings
- Treated to resist fungal decay or untreated available
- Fire retardant (certified ASTM 162 & 662)
- Untreated meets FMV 302 Flame Spread requirements

What it's used for

It is used for load bearing floor and bulkhead applications such as over machined components and bulkheads to isolate engine vibration and noise.

Engineered solution

The quality panel face allows for light weight thin floor coverings to be laminated easily with minimal floor preparation. As a wood-based solution, dB-Ply® Marine works well with water-based adhesives because of the natural ability of wood to wick excess moisture. Unlike other complicated and expensive heavy isolation system, dB-Ply® Marine does not compromise acoustical performance with top-side fastening through the panel. Perfect for new installations or retro-fit applications.

Installation

dB-Ply® Marine is easily fabricated with common woodworking tools and can be screwed or bolted to the understructure at no greater than 6" on center (OC) along the edges and not greater than 12" OC in the middle of the panel. Minimal 304 stainless steel fasteners or those well galvanized are recommended. The fastener supplier should be consulted regarding whether to use treated or untreated dB-Ply® Marine.

What is dB-Ply® Marine?

dB-Ply® Marine is a constrained-layer vibration and noise reducing structural panel engineered specifically for use in boats.

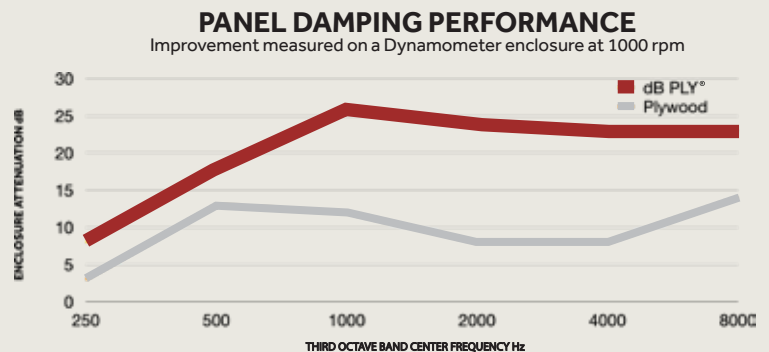
Specifications

dB-Ply® Marine is available in 1/2" through 1-1/2" thickness in 4' x 8' up to 5' x 10' sizes. Panel construction includes a balanced layup utilizing exterior improved veneers bonded with marine-type adhesives. Panel faces and backs may be customer specified to fit application requirements.

PANEL SIZE	# PLYS	PIECES/ UNIT	WEIGHT SQ FT	UNITS/ TRUCK
1/2 x 48 x 96	5	60	1.53	16
1/2 x 60 x 96	5	60	1.53	13
5/8 x 48 x 96	7	53	1.91	16
5/8 x 60 x 96	7	53	1.91	12
3/4 x 48 x 96	7	40	2.03	16
3/4 x 60 x 96	7	40	2.03	13

dB-Ply® Marine vs Plywood

dB-Ply® Marine has been specifically engineered for boats. The following graph shows the panel performance when matched against a regular plywood panel.



Additional dB-Ply® performance information available upon request. Acoustical expert on staff available for consult.

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LIMITED LIFETIME WARRANTY AVAILABLE

See written warranty for complete details