

# dB-Ply® Bus



## VIBRATION & NOISE REDUCING ACOUSTICAL PANEL FOR BUSES, COACHES, SHUTTLES, LIMOUSINES

dB-Ply® Bus provides a one-step application to cost effectively meet mandated interior noise requirements.

- Mitigates driver fatigue by reducing vibrations and noise
- Minimal floor prep required for applying floor coverings
- Treated to resist fungal decay (untreated available)
- Fire retardant (certified ASTM 162 & 662) treating available
- 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 drive train components and bulkheads to isolate engine vibration and noise. It is commonly used as the driver's platform to help mitigate driver fatigue.


### 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® Bus 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® Bus does not compromise acoustical performance with top-side fastening through the panel. Perfect for new installations or retro-fit applications.

### Installation

dB-Ply® Bus 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® Bus.

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### What is dB-Ply® Bus?

dB-Ply® Bus is a constrained-layer vibration and noise reducing structural panel engineered specifically for use in transit bus floors, coaches, and shuttles.

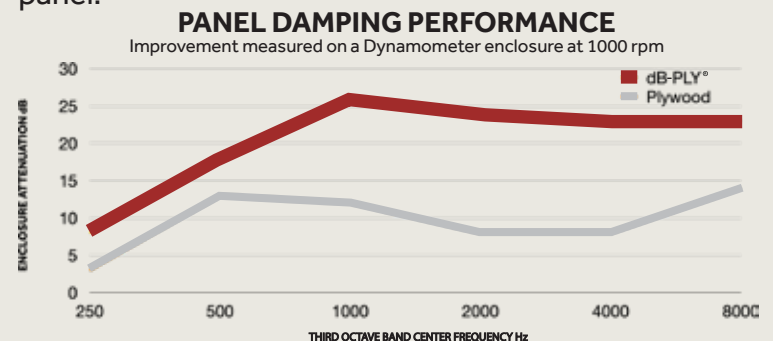
### Specifications

dB-Ply® Bus 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.

WIDTH	LENGTH	THICKNESS
4' to 5'	8' to 10'	¼" to 1-1/4"

### dB-Ply® Bus vs Plywood

dB-Ply® Bus has been specifically engineered for chassis and interiors to meet mandated interior noise requirements. 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.

## LIMITED LIFETIME WARRANTY AVAILABLE

See written warranty for complete details