

## MARINE GRADE PLYWOOD

Marine-grade plywood is made entirely of Douglas-fir or Western Larch. The grade of all plies of veneer is B or better. B-grade veneer may have knots but no knotholes. A-grade veneer has no knots or knotholes. Both A and B grades may contain wood or synthetic patches. Panels are sanded on both faces or overlaid with a Medium Density Overlay (MDO) or a High Density Overlay (HDO). The maximum core-gap size permitted is 1/8 inch. Its exposure durability rating is EXTERIOR and the glue used is a fully waterproof structural adhesive. It is considered a "premium" panel grade for use in situations where these characteristics are required. It is available in 4x8-foot sheets of 1/4, 3/8, 1/2, 5/8 and 3/4-inch thickness. Sheets up to 5x12-feet are also available. Available grades are A-A, A-B, B-B (face-back), MDO and HDO.

Marine-grade plywood is not treated with any chemicals to enhance its resistance to decay. If decay is a concern, it should be pressure-preservative treated to an appropriate standard.

The detailed description of veneer grades and Marine-grade plywood is contained in *Voluntary Product Standard PS 1-95 Construction and Industrial Plywood*.

### Sample Specification for Marine Grade

APA 3/8" B-B Marine Grade 4x8 10 pieces

### Other Exterior Plywood Grades

Plywood panels rated as EXTERIOR but not Marine, such as A-A, A-B or C-C EXTERIOR, may contain any other permissible species and contain C-grade veneer. Unless specially improved, C-grade veneer is permitted to contain knots and knotholes up to approximately 1-1/2 inches across, and the inner plies may have core gaps up to 1 inch wide.

Technical Services Division

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