



Ultralight Marine Plywood

DESCRIPTION

Subdue® Ultralight Ply is a superior quality, light weight plywood manufactured using the finest material to meet the highest **BS 1088 (LW)** standards and classifies as 'E-0' for low Formaldehyde emission (tested in accordance with AS/NZS 2098.11). Though it features super light weight, it is strong and stable. This combination sets it apart from alternative lightweight plywoods.

Being 14% lighter than standard 'Okoume' (Gaboon) ply, Pyrotek offers Subdue Ultralight Ply as an alternative choice in the manufacture of our noise control product 'Subdue' (Refer Information page 3151P)

SPECIES : Alstonia

DENSITY : ~400 kg/m³

GRADE

BS1088 premium marine. (For lightweight plywoods < 500kg per m³)

A-grade front and back face

Core veneers – well peeled lightweight veneer

WORKABILITY

Finishing can require medium surface grain fill levels. Resin absorption is high due to low density and its porous nature. Has low stiffness and strength, but machines, glues and works well with tungsten tip cutters, reducing fibrous end grain. It is an exterior grade ply that is naturally durable, but should be used in non-structural applications.

SCREWING

High screw holding ability because of multiply construction.

GLUE LINE

Marine phenolic formaldehyde resin, 72 hour boil test, commonly known as WBP (water boil proof) or "A Bond".

FEATURES

- Super light weight - 14% lighter than standard 'Okoume' plywood and up to 38% lighter than standard exterior hardwood ply
- Classifies as E-0 (low Formaldehyde emission)
- Uses highest quality veneer (A) grade faces spliced lightweight core and marine (urea formaldehyde glue)
- Meets the requirements of BS 1088(LW) standard
- Free of core gaps, over laps and splits
- Texture - Even medium texture. Slightly grainy, semi-lustrous surface
- Edge spliced to ensure no core gaps

APPLICATIONS

- Marine fit outs : cabinetry, head liners, soles, bulk head liner and shelving
- Suited to marine and motor homes cabinetry, floor and bulkheads
- General boat building applications, such as lightweight interior walls/partitions and linings, furniture and cabinetry, excluding hull and structural applications.
- Composite panel facing
- Domestic Construction: wall linings, floors, ceilings, stairways, furniture.

BENEFITS

- Reduces overall weight to any interior build, finished weight of superstructure, joinery and fittings
- Ease and safety of handling being light weight
- Flat and stable with thicker faces
- Sanded ready for clear finishing, painting or overlaying.

PRODUCT SPECIFICATIONS

THICKNESS (mm)	NO. OF PLYS	WEIGHT/SHEET (kg)	SHEET SIZE (mm x mm)
6	5	7	2440 X 1220
9	7	11	
12	9	14.4	
18	11	19.5	
22	11	24.4	

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Caveats: Specifications are subject to change without notice. The data in this document are typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek NC is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See www.pyroteknc.com/disclaimer.

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