



**ALRO
PLASTICS**

DENSETEC MARINE BOARD™

“GEARED TOWARD EXCELLENCE”

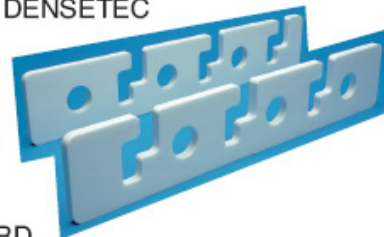


STANDARD & CUSTOM SHEETS * LIGHTWEIGHT * TREDSAFE

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DENSETEC MARINE BOARD™

DENSETEC MARINE BOARD is specially formulated to withstand the rigors of harsh outdoor marine environments. It is UV-stabilized to resist damage and retain its beauty, even after years of direct sunlight. Increasingly, DENSETEC MARINE BOARD is replacing wood and laminates in boating applications. It does not splinter, crack, delaminate, rot, swell, or absorb water like traditional materials. Even under heavy foot traffic on yacht decks, it remains virtually maintenance-free. In addition, there is no need to stain or paint DENSETEC MARINE BOARD every few years. The color is integrated with the polymer and retains its vibrant appearance better than painted wood.



Fabricating and finishing are easy with standard woodworking tools. DENSETEC MARINE BOARD forms easily for smooth curves and bends. Since there is no grain pattern, parts can be cut from any part of the sheet virtually eliminating waste for greater economy than wood.

Standard Colors:

Polar White Seafoam Sand Shade Light Gray Dolphin Gray Black



Standard Sizes: 54" x 96" – **Standard Thicknesses:** 1/4", 3/8", 1/2", 3/4", and 1"

Custom colors and sizes available upon request.

Also available

- **DENSETEC MARINE BOARD LW™** – 25% lighter than standard marine board. Lighter, lower cost and easier to handle.
- **DENSETEC TREDSAFE™** – An ideal material for use as decking in boats or anywhere else an anti-skid surface is a requirement for a safe walkway or platform, especially effective in wet conditions. Available in two embossed finishes.



Features

- UV stabilized to withstand harsh marine environments
- Does not splinter, crack or delaminate, rot, swell or absorb water
- Stain resistant and never needs painting
- Machinable with standard wood working tools
- Easily formable for curves and bends

Applications

- Cabinets and counter tops
- Doors and windows
- Swimming pool equipment
- Swim platforms
- Trim and molding
- Steps and ladder tread
- Railing
- Bait tank covers
- Hatch covers
- Accessories

Typical Properties of Marine Board

| PROPERTY | VALUE | UNIT | TEST METHOD |
|-------------------------------------|----------------------|-----------|-------------|
| Density | 0.955 | g/cc | D1505 |
| Melt Index, Condition 190° C/2.16kg | 0.29 | g/10 min. | D1238 |
| ESCR, Condition A,F50 | 35 | h | D1693 |
| Tensile Strength @ Yield | 4050 | psi | D638 |
| Tensile Strength @ Break | 3400 | psi | D638 |
| Elongation @ Yield | 9 | % | D638 |
| Elongation @ Break | 909 | % | D638 |
| Flexural Modulus | 209,200 | psi | D790 |
| Vicat Softening Temperature | 125 | °C | D1525 |
| | 257 | °F | |
| HDT (Heat Deflection Temp.) @66 psi | 77 | °C | D648 |
| | 171 | °F | |
| Brittleness Temperature | <-120 | °F | D746 |
| Tensile Impact Strength | 61.3 | ft-lb/in | D1822 |
| Shore D Hardness | 68.5 | | D2240 |
| Coef. of Linear Thermal Expansion | 7 x 10 ⁻⁵ | in/in/°F | E831 |

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