

Boat Board



Cebelio

www.cebelio.co.nz

Polyethylene (HDPE)

Description

Weather and UV stabilized, Boat Board offers high impact strength, corrosion resistance, exceptional rigidity and consistency in fabrication.

Built for long-term performance, durability, appearance and consistency, it is a popular choice for boat builders around the world. Boat Board is a UV resistant sheet that withstands long exposure to intense sun, saltwater, and rigorous outdoor use.

Uses

Boat Board is used widely for outdoor marine uses. Common applications include:

- Marine uses
- Cabinetry and Outdoor Furniture
- Food and Beverage Processing
- Automotive industry
- Livestock farming and agriculture industry

Basic info

- ✓ UV Stable
- ✓ Good anti-static abilities
- ✓ High strength and rigidity
- ✓ Superior chemical resistance
- ✓ Weatherproof
- ✓ Superior, long term material strength





Boat Board

Availability

Gauge (mm)	Finish	Sheet size (mm)
6.0	White Textured	2440 x 1370
12.0	White Textured	2440 x 1370
19.0	White Textured	2440 x 1370

We carry gauges 6mm, 12mm and 19mm however there is a wide range available, please contact us for alternative sheet sizes, finishes and gauges



Technical Properties

Physical	Units	Boat Board UV
Specific Gravity/Relative Density D792	G/cm ³	0.96
Mechanical	Units	Boat Board UV
Water Absorption D570	%	<0.01
Tensile Strength at yield D638	psi	4,400
Elongation at break D638	%	>300
Flexural Modulus D790	psi	190,000
Izod Impact (notched) D256	Ft.lbs./in	2.75
Shore hardness D2240	D	65
Coefficient of Friction C1894	Static/Dynamic	0.2/0.2
Continuous Service Temperature (maximum) °F	°F	170
Melting Point °F D3418	°F	267
Coefficient of Thermal Expansion D696	in./in./°F	10 x 10 ⁻⁵
Heat Deflection Temperature at 66psi °F D648	psi °F	167
Heat Deflection Temperature at 264 psi °F D648	psi °F	110
Regulatory Code	-	FDA

*The results of this Datasheet are just for information or comparison purposes only and should be used as a guide. This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. Cebelio Holdings LTD. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

Contact

Physical
Cebelio LTD
22 Tanner Street
Woolston
Christchurch
New Zealand

Postal
PO BOX 9316
Tower Junction
Christchurch
New Zealand