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## SPARALLOY®



### STRUCTURAL MARINE BOARD

SparAlloy® is a unique blend of polymers formulated by Spartech Plastics to specifically meet the needs of the marine industry. It has the moisture resistance of plastic, the screw retention of hard wood and the rigidity to be used in everything from cleat blocks to bulkheads. SparAlloy® outperforms wood, metal, polyethylene and foam urethanes in marine applications.

#### PROPERTIES

- SparAlloy is a recycled, cost effective, impact resistant, easy to fabricate foamed ABS alloy perfect for use in marine applications.
- SparAlloy's rough texture is specially designed for enhanced screw retention and ease of bonding.
- SparAlloy will not corrode, rot or absorb water and is lighter than metal and stronger than wood.
- SparAlloy has a specific gravity of less than one making it buoyant in water.
- SparAlloy has excellent flatness tolerance conducive to cutting and routing.

Test	Condition	Units	Value
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	.85
Izod Impact	ASTM D256	ft lbs/in	2.2
Tensile Strength	ASTM D638	psi	3,540
Flex Strength	ASTM D790	psi	2,470
Flexural Modulus	ASTM D790	psi	300,000
CTE	ASTM D696	in/in/°F	5.0
HDT, 264 psi	ASTM D648	deg F	205
Hardness	ASTM D785	Rockwell	98

\*All tests were conducted on a .475 sample



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