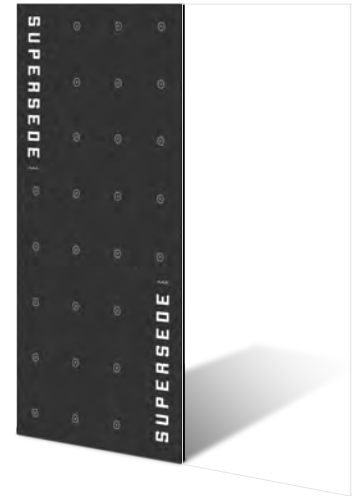




Crafting Waves of Change

Unseen Brilliance in Boat Builds.

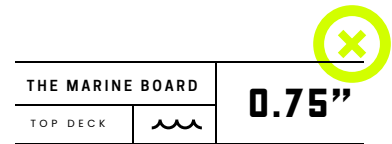
Introducing Supersede Marine Board – The Waterproof Structural Solution for Marine Applications.

Discover the next-generation solution for marine projects with Supersede Marine Board, a cutting-edge, waterproof structural alternative to traditional marine plywood. Designed with precision and engineered for superior performance, our Marine Board offers a reliable and eco-conscious choice for marine construction.

	Marine Grade Plywood	SUPERSEDE	Benefits
Waterproof	⊗	✓	Reliability, product longevity, buyer confidence
Always Square	⊗	✓	Increased manufacturing efficiency, less waste
Consistent Performance	⊗	✓	Each board performs the same
Non-Toxic	⊗	✓	Rid of Chromated Copper Arsenate and Formaldehydes
Recyclable	⊗	✓	Off cut buy-back programs
Supply chain consistency	⊗	✓	Simplified, reliable, consistent supply chain

MARINE BOARD

available in 4' X 8' | 4' X 10' | custom lengths



PHYSICAL	VALUE	UNIT	STANDARD
Density	1.4	g/cm ³	ASTM D792
Weight	78 35.3 2.44 11.9	lbs kg psf kg/m ²	- -
Length	96 2438	in. mm	ICC-ES AC558
Width	48 1219.2	in. mm	ICC-ES AC558
Thickness	0.75 19.05	in. mm	ICC-ES AC558
Length Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Width Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Thickness Tolerance	+/- 1/32 0.8	in. mm	ICC-ES AC558
Squareness	+/- 1/64 1.3	in. per ft mm per m	ICC-ES AC558
MECHANICAL	VALUE	UNIT	STANDARD
Bending Stiffness 0°	725,189 5,000	psi MPa	ASTM D7031/32/33
Bending Strength 0°	8,700 60	psi MPa	ASTM D7031/32/33
Bending Stiffness 90° Cross-Extrusion Direction	320,000 2,200	psi MPa	ASTM D7031/32/33
Bending Strength 90° Cross-Extrusion Direction	3,625 25	psi MPa	ASTM D7031/32/33
ENVIROMENTAL	VALUE	UNIT	STANDARD
Termite Resistance	0	%	ASTM D3345
Fungi Resistance	0	%	ASTM D3273
Swelling in Thickness	0	%	ASTM D1037
Water Absorption	0.1	%	ASTM D570

THERMAL	VALUE	UNIT	STANDARD
Linear Thermal Exp. 0°	6.61e-06 11.9e-06	in./in.°F mm/mm°C	ASTM D6341
Linear Thermal Exp 90°	3.61e-05 6.50e-05	in./in.°F mm/mm°C	ASTM D6341
Flame Spread Index	<115		ASTM E84
Flammability	PASS		FMVSS302
Flammability	HB		UL94
Flammability ¹	V0		UL94
Service Temperature	-40->80 -40 ->180	°C °F	ICC-ES AC07

1 Optional Material Additive



MARINE BOARD

available in 4' X 8' | 4' X 10' | custom lengths

THE MARINE BOARD		0.5"
TOP DECK		

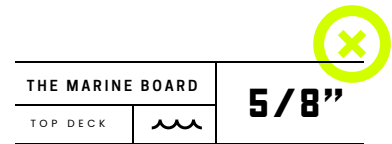
PHYSICAL	VALUE	UNIT	STANDARD
Density	1.4	g/cm ³	ASTM D792
Weight	57 25.8 1.78 8.7	lbs kg psf kg/m ²	- -
Length	96 2438	in. mm	ICC-ES AC558
Width	48 1219.2	in. mm	ICC-ES AC558
Thickness	0.5 12.7	in. mm	ICC-ES AC558
Length Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Width Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Thickness Tolerance	+/- 1/32 0.8	in. mm	ICC-ES AC558
Squareness	+/- 1/64 1.3	in. per ft mm per m	ICC-ES AC558
MECHANICAL	VALUE	UNIT	STANDARD
Bending Stiffness 0°	899,000 6,200	psi MPa	ASTM D7031/32/33
Bending Strength 0°	9,427 65	psi MPa	ASTM D7031/32/33
Bending Stiffness 90° Cross-Extrusion Direction	449,617 3,100	psi MPa	ASTM D7031/32/33
Bending Strength 90° Cross-Extrusion Direction	4,496 31	psi MPa	ASTM D7031/32/33
ENVIROMENTAL	VALUE	UNIT	STANDARD
Termite Resistance	0	%	ASTM D3345
Fungi Resistance	0	%	ASTM D3273
Swelling in Thickness	0	%	ASTM D1037
Water Absorption	0.1	%	ASTM D570

THERMAL	VALUE	UNIT	STANDARD
Linear Thermal Exp. 0°	6.61e-06 11.9e-06	in./in.°F mm/mm°C	ASTM D6341
Linear Thermal Exp 90°	3.61e-05 6.50e-05	in./in.°F mm/mm°C	ASTM D6341
Flame Spread Index	<115		ASTM E84
Flammability	PASS		FMVSS302
Flammability	HB		UL94
Flammability ¹	V0		UL94
Service Temperature	-40->80 -40 ->180	°C °F	ICC-ES AC07

1 Optional Material Additive

MARINE BOARD

available in 4' X 8' | 4' X 10' | custom lengths



PHYSICAL	VALUE	UNIT	STANDARD
Density	1.4	g/cm ³	ASTM D792
Weight	66 30 2.06 10.1	lbs kg psf kg/m ²	- -
Length	96 2438	in. mm	ICC-ES AC558
Width	48 1219.2	in. mm	ICC-ES AC558
Thickness	0.625 15.8	in. mm	ICC-ES AC558
Length Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Width Tolerance	+/- 1/16 1.6	in. mm	ICC-ES AC558
Thickness Tolerance	+/- 1/32 0.8	in. mm	ICC-ES AC558
Squareness	+/- 1/64 1.3	in. per ft mm per m	ICC-ES AC558
MECHANICAL	VALUE	UNIT	STANDARD
Bending Stiffness 0°	797,707 5,500	psi MPa	ASTM D7031/32/33
Bending Strength 0°	9,137 63	psi MPa	ASTM D7031/32/33
Bending Stiffness 90° Cross-Extrusion Direction	333,586 2,300	psi MPa	ASTM D7031/32/33
Bending Strength 90° Cross-Extrusion Direction	3,625 25	psi MPa	ASTM D7031/32/33
ENVIROMENTAL	VALUE	UNIT	STANDARD
Termite Resistance	0	%	ASTM D3345
Fungi Resistance	0	%	ASTM D3273
Swelling in Thickness	0	%	ASTM D1037
Water Absorption	0.1	%	ASTM D570

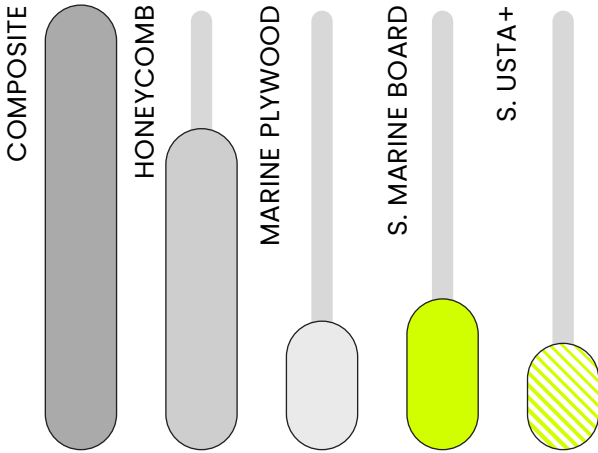
THERMAL	VALUE	UNIT	STANDARD
Linear Thermal Exp. 0°	6.61e-06 11.9e-06	in./in.°F mm/mm°C	ASTM D6341
Linear Thermal Exp 90°	3.61e-05 6.50e-05	in./in.°F mm/mm°C	ASTM D6341
Flame Spread Index	<115		ASTM E84
Flammability	PASS		FMVSS302
Flammability	HB		UL94
Flammability ¹	V0		UL94
Service Temperature	-40->80 -40 ->180	°C °F	ICC-ES AC07

1 Optional Material Additive

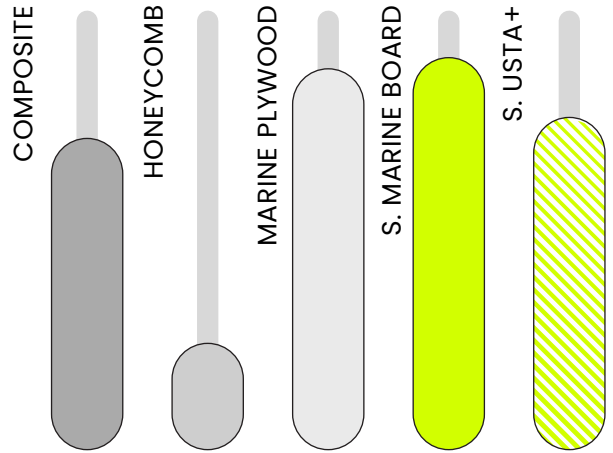
MARKET COMPARISON

0.75"

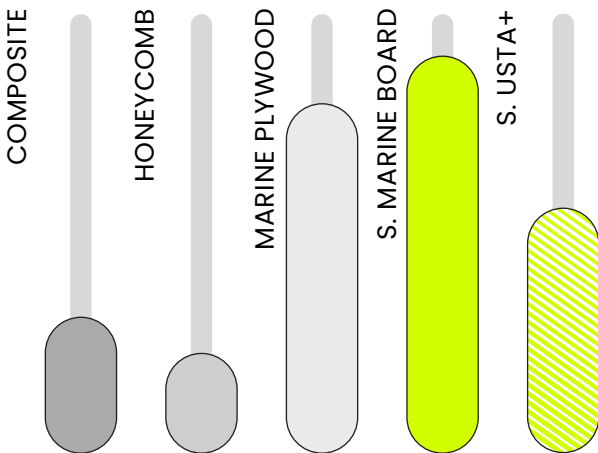
PRICE



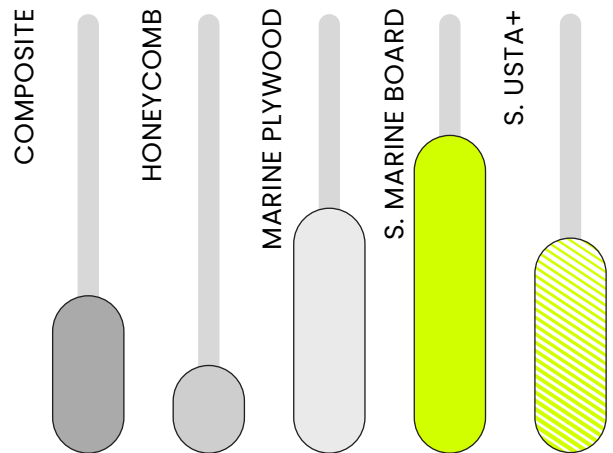
WEIGHT



PERFORMANCE



FASTENER RETENTION



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