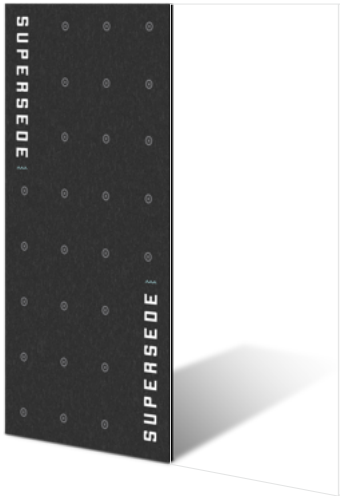




Crafting Waves of Change

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.



1-888-CURBELL

www.curbellplastics.com

Curbell Plastics is a proud supplier of Supersede materials.

	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

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 THE NOMINAL PROPERTIES REPORTED HEREIN ARE TYPICAL OF THE PRODUCT, BUT DO NOT REFLECT NORMAL TESTING VARIANCE AND THEREFORE SHOULD NOT BE USED FOR SPECIFICATION PURPOSES

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

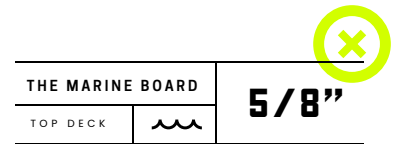
ENVIROMENTAL	VALUE	UNIT	STANDARD
Termite Resistance	0	%	ASTM D3345
Fungi Resistance	0	%	ASTM D3273
Swelling in Thickness	0	%	ASTM D1037
Water Absorption	0.1	%	ASTM D570

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/cm3	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

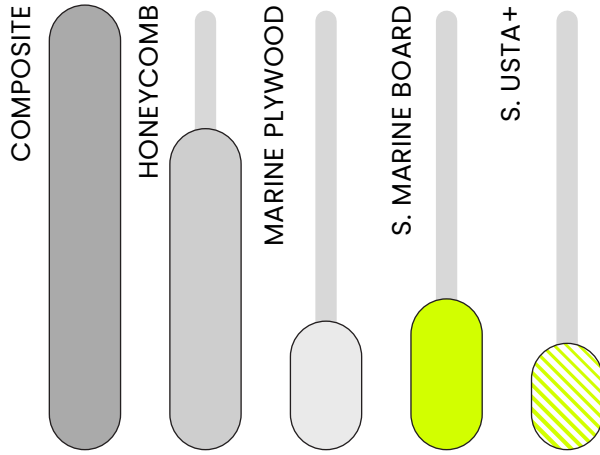
1 Optional Material Additive



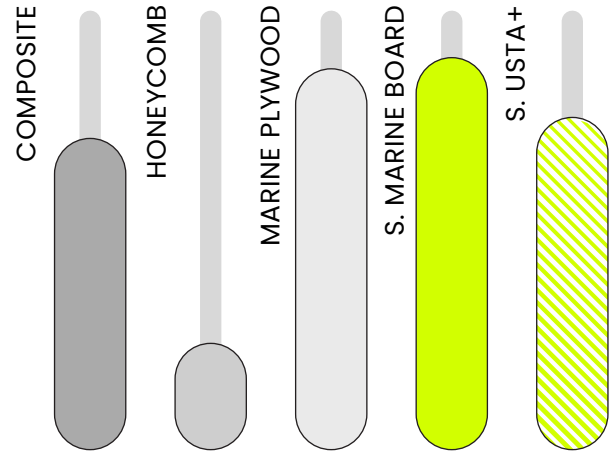
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MARKET COMPARISON

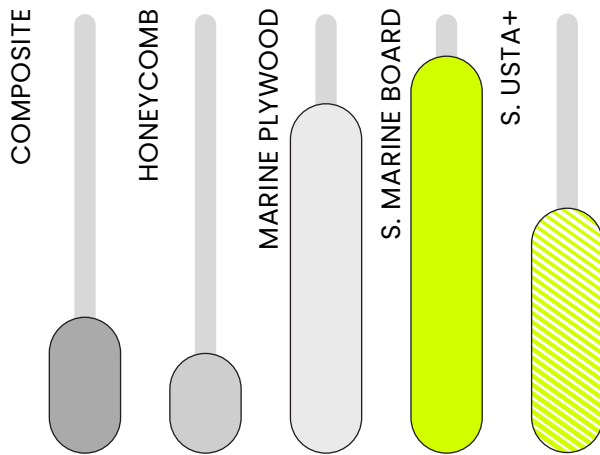
PRICE



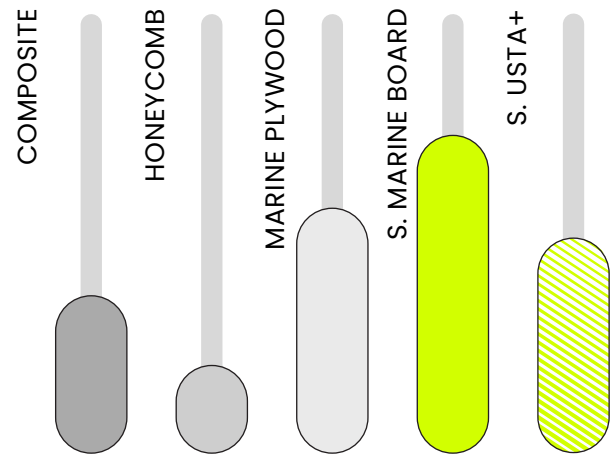
WEIGHT



PERFORMANCE



FASTENER RETENTION



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