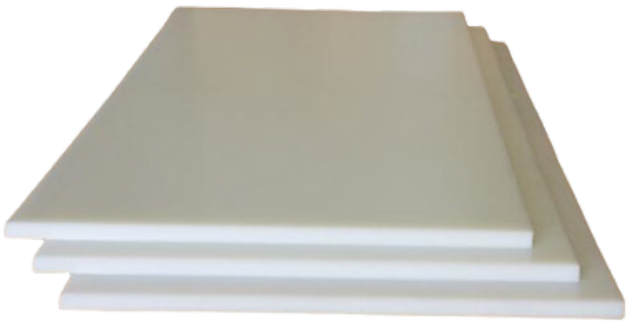
Engineered Wood Products inc.
Building Strength and Sustainability

MARINE-X PREMIUM HDPE SHEETS

VERSATILITY



Marine-X Premium HDPE is a high-density polyethylene material engineered for exceptional performance in marine and outdoor applications. Marine-X is formulated to resist the harshest environmental conditions, including exposure to water, UV rays, and saltwater corrosion. It offers superior impact resistance, minimal moisture absorption, and excellent dimensional stability, making it ideal for marine cabinetry, boat components, outdoor kitchens, and storage solutions. Marine-X is easy to machine and fabricate, ensuring a perfect fit for custom projects while maintaining its appearance and structural integrity over time. Durable, versatile, and virtually maintenance-free, Marine-X Premium HDPE is the go-to choice for those seeking top-quality materials for demanding outdoor environments.

QUALITY

Our products are crafted in a 100,000 square foot facility using sustainable materials and eco-friendly practices. Our commitment to quality, sustainability, and customization sets us apart. Engineered for exceptional performance, our products meet the highest standards for construction use, ensuring reliability and durability in every project.

SUSTAINABILITY

Marine-X HDPE sheets are a sustainable choice, offering recyclability, durability, and energy-efficient production. Designed to last, they reduce the need for frequent replacements and conserve resources. Marine-X's resistance to UV radiation, moisture, and environmental stressors ensures longevity without leaching harmful substances. By incorporating recycled HDPE, Marine-X further lowers environmental impact, making it an eco-friendly option for various marine and outdoor applications.

TECHNICAL SPECIFICATIONS

MATERIAL PROPERTIES	UNIT	TEST METHOD	NOMINAL VALUE
Density	g/cm^3	D792	0.96
Water Absorption, 24 hr	%	D570	<0.01
Tensile Strength @ Yield	Mpa	D638	35
Elongation at Break	%	D638	>350
Tensile Strength	Mpa	D638	33
IZOD Notched Impact	ft-lb/in	D256	>2.5
Hardness, Shore	D	D785	67
Compressive Strength	Mpa	D695	33
THERMAL PROPERTIES	**UNIT**	**TEST METHOD**	**NOMINAL VALUE**
Heat Deflection Temp at 66 psi	°C	D648	75
Melting Temperature	°C	D3418	130