

TECHNICAL DATA SHEET

SANDEPLY® MARINE PLYWOOD - 15 mm



Multi-layer plywood panel manufactured from wood veneers bonded with water-resistant ULEF adhesive. Veneers are arranged in crosswise orientation (at 90° angles) to improve dimensional stability, strength, and stiffness.

Suitable for a wide range of industrial and commercial applications.

Technical Specifications

Thickness	15 mm
Thickness Variation Tolerance	+ 0.2 mm / - 0.5 mm
Dimensions	1220 mm x 2440 mm
Dimensions Variation Tolerance	+ 1.6 mm / - 0 mm
Squareness	≤ 2 mm
Ply Number	7
Density	500 kg/m³ - 660 kg/m³
Glue Type	Phenol Formaldehyde
Moisture Content	6% - 12%
Face Quality	B/C; C/C

Mechanical Properties

		kg/cm ²	N/mm ²
Bending Strength (MOR)	Lengthwise	490	48
	Crosswise	530	52
Modulus of Elasticity (MOE)	Lengthwise	48,520	4,757
	Crosswise	71,010	6,968
Tensile Strength	Lengthwise	420	41
	Crosswise	450	44
Compression Strength	Lengthwise	285	28
	Crosswise	350	34
		kgf/mm	N/mm
Screw Holding Strength	Face	11	109

Based on ASTM Standards

Commitment To User Safety and Health

Formaldehyde Emission	** ≤ 0.05 ppm
Burning Rate	0.00 mm/min

** Certified ULEF-exempt according to CARB Phase II / ATCM 93120 and EPA TSCA Title VI standards

Wood Species

Brosimum utile; Dacryodes peruviana; Gmelina arborea; Huberodendron patinoi; Jacaranda copaia; Ocotea acutifolia; Schizolobium parahyba; Terminalia ivorensis; Terminalia superba; Virola duckei; Vochysia macrophylla; etc.

Applications and uses

- **Marine Construction:** Hulls, decks, cabinetry, and structural components in boats and floating structures.
- **Exterior Use:** Cladding, soffits, and exposed structural elements in humid or coastal environments.
- **Interior Humid Areas:** Subfloors and panels in bathrooms, saunas, and utility rooms.
- **Outdoor Furniture:** Weather-resistant benches, cabinets, and garden installations.
- **Transportation:** Truck beds, trailer floors, and cargo linings exposed to moisture.
- **Events & Temporary Structures:** Platforms and staging systems for outdoor use.