



## Ply Endurance

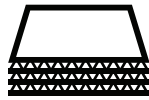
Substrates Collection

Ply Endurance is a marine-grade plywood constructed using the highest grade of face and core veneers from selected species of wood based on density, bending strength, impact resistance and surface finishing characteristics.

Thickness  
Dimensions

9 / 12 / 15 / 18 / 25 mm  
1220 × 2440 mm

Characteristics



### High Structural Integrity

An adequately robust panel, suitable for use in areas where heavy machinery needs to be frequently used or with high footfall.



### H3 Limited External

Plywood further enhanced with weather-resistant capabilities compliant with British Standard BS 1088:2003. for marine plywood.

Technical Specifications

### General Requirements for Plywood

Properties		Test Method	Requirement
Tolerance on Nominal Dimensions	Thickness	EN 324-1	± 0.3 mm
	Length/Width		± 5 mm
Squareness Tolerance		EN 324-2	2 mm/m
Tolerance of Density		EN 323	± 10%
Formaldehyde Release		EN 120	Class E1 ≤ 0.124mg/m <sup>3</sup>

## Ply Endurance Application Areas

<b>Furniture and Woodworking</b>	
Lamination of Surface Elements (Melamine, Laminates and Foils)	•
Spray Painting	
Easy processing with woodworking tools	•
Excellent grip of fasteners (Screws, nails and staples)	•
Decorative Surface	•
Attractive Edges	•
Homogeneous Appearance Throughout	

<b>Building and Structural Applications</b>	
High Moisture and Humidity Resistance	H3
Increased Fire Safety Regulations	
Termite Resistance	
Climate Sensitive Applications (Ultra Low VOC)	
Horizontal Load-bearing Applications	•
Non Load-bearing Walls, Partitions and Ceilings	•
Formwork	•

<b>Other Technical and Industrial Applications</b>	
Door production with increased fire safety regulations	
Suitable for use in marine vessels	
Temporary Outdoor Exhibitions	•
Packaging Industry	
Signage and Billboards	•
Warehouse Management (Racking)	•

• Recommended