



## Ply Climate

Substrates Collection

Ply Climate is plywood specially developed for use in environmentally sensitive interior applications - ideal for museums, hospitals, schools, and others. Eliminating the concerns about off-gassing of formaldehyde and other VOCs, it contributes to improved indoor air quality. Ply Climate is load-bearing and a more water-resistant alternative to MDF Climate.

Thickness

9 / 12 / 15 / 18 mm

Dimensions

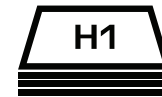
1220 × 2440 mm

Characteristics



**Super E0  
No Added Formaldehyde**

Certified for ultra-low formaldehyde emissions (0.2mg/l), under the Singapore Green Label Scheme.



**H1 Dry Conditions**

Suitable for interior spaces that frequently use air conditioning.

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 Climate 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	H1
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