



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.

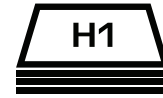
Thickness
Dimensions

9 / 12 / 15 / 18 mm
1220 × 2440 mm

Characteristics



Low Formaldehyde
Safe for all living and interior applications, especially enclosed spaces.



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 ³

Ply Climate Application Areas

Furniture and Woodworking	
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	

Building and Structural Applications	
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	

Other Technical and Industrial Applications	
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