

SPECIFICATION CHARACTERISTICS	H PERFORMANCE Plywood®	GENERAL COMMERCIAL PLYWOOD
EN 636-Use Class 3 S	CE marked for performance in all conditions	Most structural panels only meet EN 636-Use Class 2
Veneer Glue bond	EN 314 Class 3 Exterior fully tested and reliable	Supposedly EN 314 Class 2 minimum, but not always tested
Moisture content	Very accurate and precise drying in manufacture resulting in a fully stable and conditioned panel	Can vary a lot resulting in distortion. Poor drying can cause mould growth on the surface of boards
Thickness of face and back veneers	Minimum 0.75mm for maximum performance	Can be as low as 0.12mm and are readily permeable to moisture and glue. These thin veneers also telegraph the inferior core quality onto the faces
Core veneer quality	High quality core veneers	Core overlaps and gaps are common in most plywoods and result in poor surface quality and thickness variation that can affect overall performance
Flatness and stability	Superior construction makes Performance Plywood® much more reliable and stable	Boards can be badly distorted due to manufacturing processes
Thickness and dimensional tolerances	Very tightly controlled to ensure optimum performance	Can vary considerably in some panels creating further surface preparation attention

