

Comparison (FG1 vs. commercial)
Available in 5.5mm / 9mm / 12mm

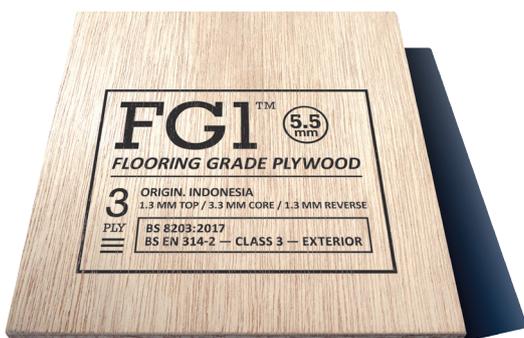
ALL FG1 PRODUCTS HAVE 1.3MM TOP AND REVERSE VENEERS (before sanding)

WHY BUY FG1?

A comparison against commercial plywood

CHARACTERISTICS	FG1 FLOORING GRADE PLYWOOD	COMMERCIAL PLYWOOD
Veneer glue bond	EN 314-2 Class 3 Exterior	EN314-2 Class 2. Usually only complies with EN314-2 Class 2 or falsely claimed to be Class 3 standards, but because they use much thinner face veneers or are NOT bonded with fully exterior Phenolic Glue, they do not reach the performance standards required.
Moisture content	Veneers are machine dried to a tightly controlled 7-10% m.c. prior to manufacture which makes the panel more stable	Some panels use only "air dried" veneers, resulting in a less stable panel. Poor control of moisture content within a panel can also cause mould growth on the surface of the boards.
Thickness of top and reverse veneers	Minimum 1.3mm (before sanding)	Can be as thin as 0.12mm which is far less durable and allows moisture ingress into the core of the plywood
Core veneer quality	No core overlap or gaps	Variations in thickness and surface due to core overlaps
Flatness and stability	FG1 is extremely stable	Can be unstable due to manufacturing process
Thickness tolerance	Calibrated to ±0.2mm. Modern technology guarantees product performance	Variations in thickness due to lower standards on manufacturing tolerances and post-production inspection
Workability	Easily cut due to superior manufacturing and quality control	Can be challenging due to imperfections through poor quality control during manufacturing
BS 8203:2017 Plywood Guidelines	FG1 exceeds specifications to ensure absolute quality and product performance	Most plywood production fails to meet BS 8203:2017 on specification and quality
Flooring training schools	EN 314-2 Class 3 Exterior plywood surpasses BS 8203:2017 Plywood Guidelines for specification and quality	Not approved for use in training schools due to not meeting industry standards

FG1 PANELS ARE MANUFACTURED TO BOTH MEET AND SIGNIFICANTLY EXCEED THE NEW BS 8203:2017 — ANNEX A — FLOORING GRADE PLYWOOD GUIDELINES



(Product shown is FG1 5.5mm)

