

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)

