

The Plywood Specifiers Guide

Flooring



PLYWOOD SUBFLOORS



Manufactured to flooring industry standards as defined by BS 8203:2017- Plywood Annex A. SP101 Flooring Plywood® is a fully reliable component for use in the subfloor base construction for all floor coverings

The ever expanding use of resilient floor coverings such as luxury vinyl tile (LVT) has emphasised the need for a much higher quality plywood than the general-purpose panels which have commonly been used in flooring applications.

In order to achieve a fully compliant and reliable installation, a plywood panel needs to be carefully engineered to meet the specific demands required.

Following extensive technical consultation with relevant bodies, Hanson Plywood have developed a product which for the first time provides the industry with a fit-for-purpose and guaranteed plywood panel.

**SP101 FLOORING PLYWOOD CARRIES ENVIRONMENTAL AND
TECHNICAL ASSURANCE**



Benchmark plywood for the flooring industry

BS 8203:2017 compliant,
FLEGT licenced - Environmental
and technical assurance



Accurate Dimensions



Flatness and Stability



Superior Core Composition



Ease of Use



TFT Woodexperts
Diamond Mark Certified

SP101
Flooring Plywood®

www.SP101.co.uk



SP101 Flooring Plywood

Adhesive

Finished Surface (LVT)

Base Floor Deck

HSP101
Flooring Plywood®



ENVIRONMENTAL & TECHNICAL
PRODUCT DATA SHEET

SP101 Flooring Plywood® is the first plywood panel to be manufactured in accordance, and certified as fully compliant with BS 8203:2017 - Plywood Annex A

Plywood specifically designed for subfloor preparation. Guaranteed fit-for-purpose and quality assured

Fully tested and approved to the necessary industry standards and requirements.

CFA Guidance on plywood specification has been acknowledged by the British Standards Institution and incorporated as a normative annex into BS 8203 - Code of practice for the installation of resilient floor coverings.

This normative annex is intended to help the industry in specifying and using panels that are entirely suitable as a component of the high value finished floor.




SPECIFICATION DETAIL

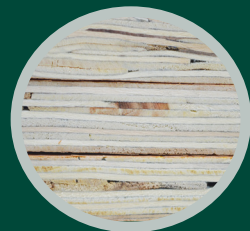
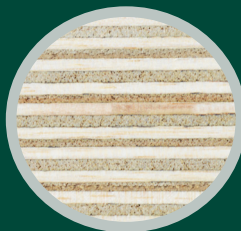
Thickness Range	3.6mm - 25mm
Dimensions (mm)	2440 x 1220 ♦ 1220 x 610
BS 8203:2017	> 5.5mm certified compliant
TFT Diamond Mark	Certified
Product Classification	EN 636-2
Appearance Class	Based on Class 1 from EN 635-2
Formaldehyde Class	E1
Glue Bond	EN 314-2 Class 3
Wood Species	Mixed tropical hardwood
Moisture Content	8-10% at manufacture
Thickness Tolerance	5.5mm: ±0.2mm, 9mm: ±0.3mm
Dimensional Square Tolerance	Tight to EN 315
Veneers	Superior core composition
Thicker Outer Veneers	Minimum 0.75mm
Average Density	Approx 500 kg/m ³
Legality	FLEGT Licensed, legal and sustainable
CE Marked	BS EN 13986
DOP (Declaration of Performance)	Available on request
Material Safety Data Sheet	Available on request

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PLYWOOD LIMITED



SPECIFICATION CHARACTERISTICS:		GENERAL COMMERCIAL PLYWOOD
BS8203:2017 and CFA Guidance	SP101® is certified compliant with both	Most panels are not manufactured with any regard to this standard
Veneer glue bond	EN 314 Class 3 Exterior fully tested and reliable	Supposedly EN314 Class 2 minimum, but not always tested. Glue lines are known to consistently fail in flooring applications
Moisture content	Very accurate and precise drying in manufacture resulting in a fully stable and conditioned panel	In some panels can vary a lot resulting in distortion. Poor drying can cause mould growth on the surface of boards
Thickness of face & back veneers	Minimum 0.75mm for maximum performance. Works well with all glues and resins and has been tested and approved by most manufacturers	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	No core overlap or gaps therefore creating a high quality surface finish	Core overlaps and gaps are common in most plywoods and result in poor surface quality and thickness variation
Flatness and stability	Superior construction ensures SP101® is much more reliable and stable	Boards can be 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
Ease of working	Can be worked easily and will usually cut with a fitters knife	Can be difficult to work and may be unstable
TFT Woodexperts Diamond Mark Certified	Every technical detail is tested and certified by TFT Woodexperts to guarantee performance	Most panels do not carry third party verification
Floor fitting training schools	Most UK training schools use SP101® in their classes in order to promote best practice to students	Training schools are reluctant to use any panels that do not meet industry requirements and are not guaranteed fit for purpose

Comparing core veneer structure



THE RIGHT CHOICE
FOR YOUR PROJECT
AND THE ENVIRONMENT



Environment & Sustainability

The UK timber industry has comprehensive systems in place to ensure legality and sustainability of timber products. Products have to be technically sound and fit-for-purpose and have to comply with all relevant environmental criteria.

SP101 Plywood® is certified fully legal under Indonesia's SVLK assurance scheme and the FLEGT (Forest Law Enforcement, Governance and Trade) agreement with the EU.



SP101 Flooring Plywood® was the first flooring plywood to be imported into the UK with a FLEGT license.



Contact our sales team for more information:

01422 330444

**BS 8203:2017
and
CFA Guidance
compliant**



**TFT
Woodexperts
Diamond Mark
Certified**



**Reliable
glue line
performance**



**Accurate
dimensional
tolerances**



**Very high
quality and
uniform face**



**Superior
core
composition**



**FLEGT
Licensed**



**BS EN 13986
CE Marked**



**Thicker face
veneers**



**FSC®
certified stock
available**



BS 8203:2017 Code of practice for installation of resilient floorcoverings

Annex A: Guidance on the selection and specification of suitable plywood for fabricated underlays. The CFA Guidance Note was immediately recognised as a valued reference document and was widely adopted throughout the industry. In view of this, further work was undertaken by the CFA, its manufacturing committee and BSi representatives, to introduce the guidance into British Standards. The normative Annex A is now included in BS 8203.

Summary

BS 8203 Annex A provides the flooring industry with a clear specification for the plywood which should be used to comply with the standard. This makes life much simpler for designers and specifiers to work with fully compliant and reliable plywood products.

Notes



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