



Provided that our Storage Maintenance and Fitting Instructions are followed at all times the Product has the following specifications

## Engineered Wood Flooring Product Specification & Technical Data Sheet

### Product Code: D3902 LAMINATE FLOOR



### Sustainability:

*The Solid Wood Flooring products are not listed in CITES Appendices or on the IUCN Red List of Threatened Species.*

*This is an ethically sustainable sourced engineered timber wood floor designed for use as an interior floor finish. Engineered wood floors are more sustainable than solid and minimise the impact on valuable resources. The construction means that these wood floors are more stable than solid floors.*

### Product Details

<b>Wood type:</b>	Laminate
<b>Size:</b>	14mm thick (12mm plank + 2mm EVA backing) x 197mm wide x 1216mm
<b>Finish:</b>	EIR AC4 wear layer finish commercial grade
<b>Length:</b>	1216mm Fixed Length
<b>Profile:</b>	Click-Lock Unilin licensed
<b>Pattern:</b>	Single width plank
<b>Edge Profile:</b>	Micro-Bevelled (all four sides)
<b>Construction:</b>	Compressed HDF board with printed paper top
<b>Packing:</b>	Cardboard cartons, shrink wrapped, 8 pieces per carton with 1.907m <sup>2</sup>
<b>Weight:</b>	Each carton will weigh approx. 16kgs
<b>Underfloor Heating:</b>	This floor is suitable for underfloor heating which must be operational before installation

### Installation Methods:

<b>Fully Bonded:</b>	No
<b>Secret nailed:</b>	No
<b>Floated:</b>	Yes, subject to the subfloor and environmental conditions.
<b>Over Underfloor Heating:</b>	Yes, compatible for UFH subject to following the correct installation requirements.

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## Aesthetics and Wood Flooring Characteristics:

Laminate Flooring is made of wood and printed paper. As such there will be a pattern repeated and it is important that it is fitted accordingly. The textured surface creates a more natural look than smooth laminates and is guaranteed for 15 years.

We create an unusual laminate in that the repeat pattern is extended and if fitted properly will be less obvious than most. The surface is texture like a real wood brushed floor to give a more authentic look and both in terms of finish durability.

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### Board Performance

<b>Fire Protection:</b>	Reaction to fire – laminate flooring performs to EN 13501-1 Dn s1
<b>Thermal Conductivity:</b>	EN ISO 10456 and EN ISO 12664 Result 0.15 W/(mk)
<b>Moisture Content:</b>	EN 13183 - 1 Requirement: 6% to 9% Average Results: <7%
<b>Thermal Conductivity:</b>	EN ISO 10456 / EN ISO 12664 Result 0.15 W / (mk)
<b>Release of Formaldehyde:</b>	Class E1   EN 717 – 1:2006 Result 0.014 mg / m <sup>3</sup> Requirement: Less than 3 ppm Result: 0.0053 ppm
<b>Slip Resistance:</b>	Tested to BS 7967-2: 2002 (Pendulum Test in PTV values) Oiled Finish results: DRY (66) <b>LOW RISK</b> WET (29) <b>MODERATE RISK</b> There is no current requirement for slip resistance in residential developments.
<b>Suitability of use:</b>	Suitable for use with under floor heating in commercial and residential applications.
<b>Effects from moisture:</b>	Laminate flooring will expand if it is exposed to conditions that increases its moisture content beyond 9%. Wood flooring will contract if the prevailing conditions reduce the product moisture content below 6%. Any exposure outside of these parameters will compromise the performance of the product.
<b>Transmission of Sound:</b>	Laminate flooring on its own will not offer assistance to reduce the passage of sound, but it is the build-up of the whole floor and the surroundings that contribute to impact and airborne sound. For accurate assessment's a qualified engineer should be employed to calculate how to achieve accurate results.
<b>Thermal properties:</b>	Wood Flooring boards offer the following values: 20mm thick boards with a 4mm or 6mm top layer will lose 0.10 K/Wm <sup>2</sup> 15mm boards with a 4mm or 6mm top layer will lose 0.08 K/Wm <sup>2</sup> 8mm Laminate will have much reduced thermal properties.
<b>Manufacturing:</b>	Laminate floors are manufactured in accordance with accepted industry standards, which permit a tolerance not to exceed 5%. The variations may be of a manufacturing or natural type (this does not include colour variation).

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**Samples:** Small samples will give a representative example of the colour of the finished floor. Should it be necessary to gain a better understanding of how a larger area will look, purchasing cartons for a sample area should be considered, before making a final decision.

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**Storage:** See our Storage Fitting and Maintenance Instructions part of our T&C's

DO NOT take boards onto site until all WET trades have been completed.

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**Fixing:** See our Storage Fitting and Maintenance Instructions part of our T&C's

All wood Flooring products should be fitted in accordance with BS8201:2011

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## **NBS:**

*NBS specifications can be written by request once we have full details of the subfloor build up.*

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## **Cleaning: See our Storage Fitting and Maintenance Instructions part of our T&C's**

**(never use solvent cleaning solution)** *Correct cleaning and maintenance is important. Contamination from paints, whether oil or acrylic based will prove to be difficult to remove without damaging the wood surface. If any paint finds its way onto the wood surface, then BEFORE it completely dries, gentle rubbing with a non-alcoholic wipe might soften and remove the paint - but once the paint has dried it will be almost impossible to remove.*

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## **BRE Green Guide:**

*A generic product of this type would correspond to Element Number 1321580001 of the BRE Green Guide 2008 ratings and achieve a rating of A+. The actual Kg/m2 achieved will be dependent on the type of fitting chosen. The Solid Wood Flooring Company recommend that as a basis for achieving this result all fitting must conform to BS8201:2011*

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## **Health & Safety:**

*Engineered wood flooring is a natural product and on its own offers no recognisable health and safety risks. When re-manufacturing any wood product please follow HSE advice.*

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## **Company Approvals:**

*The Solid Wood Flooring Company operate a stringent sustainable environmental policy, details of which can be seen on the web site. We are certified by all the relevant organisations and our certificate numbers can be seen below. In addition to this we also adhere to the TTF responsible purchasing policy at all times. Below are our credentials:*

*Members of The Timber Trade Federation*

*Operate and are audited to the TTF Responsible Purchasing Policy*

*FSC® - Solid Wood Flooring Trademark License Number: FSC® C007915*

*FSC® - Solid Wood Flooring Chain of Custody Number: NC-COC-005535 HA*

*PEFC™ - Solid Wood Flooring Trademark Licence Number: PEFC/16-37-1814*

*PEFC™ - Solid Wood Flooring Certificate Number: CATG-PEFC-400-AT*

*WWF® - The Solid Wood Flooring Company achieved the highest - 3 Trees - accreditation*

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**Never build onto a wood floor:** *Wood doesn't provide a good foundation to build onto. Therefore, it is important to design any cabinets and internal furniture with their own structural base and not to be sat on the wood flooring, so that should any damage occur, the floor finish can be easily repaired or removed. Wood flooring should ever be used as a foundation, even if it is fully bonded, and building cabinets or stud walls onto any wood floor would be asking for serious trouble and remain the responsibility of the designer or specifier.*