

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



## Product Code: SD6138 (2.39) OPTIMUM LAMINATE FLOORING LIGHT OAK



### Sustainability:

The materials used in the construction of this product are not listed in CITES Appendices or on the IUCN Red List.

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

### Product Details:

Product type:	Laminate
Dimensions:	10mm (8mm board + 2mm backing layer) thick x 197mm wide x 1215mm long (fixed length)
Finish:	Commercial grade AC4 wear layer (guaranteed for 15 years)
Process:	Real wood effect textured surface
Profile:	Click-Lock Unilin licensed
Pattern:	Single width plank
Edge Profile:	Micro-Bevelled (all four sides)
Construction:	Compressed HDF board with printed paper top, AC4 wear layer and built-in foam underlay
Packing:	Cardboard cartons, shrink wrapped with 10 pieces per carton (2.39m <sup>2</sup> per carton)
Weight:	Each carton will weigh approx. 16kgs
Underfloor Heating:	This floor is suitable for underfloor heating which must be operational before installation

### Installation Methods:

Fully Bonded:	No
Secret nailed:	No
Floated:	Yes (Optimum Laminate Flooring have the underlay/backing layer built in)
Over Underfloor Heating:	Yes, compatible for UFH subject to following the correct installation requirements.

## Aesthetics and Wood Flooring Characteristics:

Our laminate flooring mimics real wood flooring. It will have inherent characteristics such as shade variation, grain patterns and knotting. It is the art (and responsibility) of the fitter to re-manufacture the laminate flooring materials to create a finished floor.

A rich variety of natural wood characteristics such as knots, mineral highlights, pin holes, distinctive differences in colour, and grain configuration provides the truest wood grain texture and detail that nature has to offer.

These natural appearances are not construed as defects. Being a natural material, laminate floors will react to humidity and temperature variations. In high humidity, wood picks up moisture and swells; in low humidity wood releases moisture and shrinks. At some periods of the year splits may temporarily appear between the boards. This phenomenon is normal. Gloss reduction is a normal feature of wear and tear, as is fading if exposed to excessive ultra violet light. Exposure of the flooring to sunlight will alter the colour of the floor, exposure for prolonged periods to excessive heat from the sun through glass in summer (such as conservatories) will make it shrink and it will then expand in winter, this is normal as it is a natural reaction for wood-based products which is not considered a defect.

## Product Performance

Fire Protection:	Reaction to fire – wood flooring performs to EN 13501-1 Dn s1
Thermal Conductivity:	EN ISO 10456 and EN ISO 12664 Result 0.15 W/(mk)
Moisture Content:	EN 13183 - 1 Requirement: 6% to 9% Average Results: <7%
Release of	Class E1   EN 717 – 1:2006 Result 0.014 mg / m3
Formaldehyde:	Requirement: Less than 3 ppm Result: 0.0053 ppm
Slip Resistance:	Tested to BS 7967-2: 2002 (Pendulum Test in PTV values) Lacquered Finish results: DRY (63) <b>LOW RISK</b> WET (27) <b>MODERATE RISK</b> (There is no current requirement for slip resistance in residential developments)
Suitability of use:	Suitable for use with under floor heating in commercial and residential applications.
Effects from moisture:	Wood 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.
Transmission of Sound:	Wood flooring on its own will offer some 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.
Thermal properties:	Solid Wood Flooring boards offer the following values: 20mm thick boards with a 4mm or 6mm top layer will lose 0.10 K/Wm2 15mm boards with a 4mm or 6mm top layer will lose 0.08 K/Wm2
Manufacturing	Laminate floors are manufactured in accordance with accepted industry standards. This permits a tolerance of 5%. The variations may be of manufacturing or natural type (this does not include colour variation)

**Samples:** Small samples will give a representative example of the colour of the finished floor. However, inherent characteristics of wood will make every individual piece of wood unique and one small sample **WILL NOT** be representative of the overall effect of a natural wood floor. Therefore, 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.

## 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.

## 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

## NBS:

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

## 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. Simply clean when needed using Blanchon Lagoon. Never apply an oil or wax-based product.

Contamination from paints, whether oil or acrylic based will prove to be difficult to remove without damaging the 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. Please contact us if this occurs.

## 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/m<sup>2</sup> 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

## Health & Safety:

Laminate 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.

## 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:*

*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*

**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 never be used as a foundation, even if it is fully bonded, and building cabinets or stud walls onto any wood-based floor would be asking for serious trouble and remain the responsibility of the designer or specifier.



Designed & manufactured by: