

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



Designed & manufactured by:



The  
**Solid Wood**  
Flooring Company

## Product: LAM-SD3656 (196) Fire Fumed 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.

Indoor Air Quality: FloorScore® Certified to SCS-EC10.3-2014 v4.1  
Certification: FSC® 100%  
Recyclability: 100%



### Product Details:

Product type: Laminate  
Water Resistance: Water resistant  
Dimensions: 8mm thick x 196mm wide x 1215mm long (fixed length)  
Finish: Commercial grade AC4 wear layer (guaranteed for 15 years)  
Process: EIR textured surface (real wood effect)  
Profile: Unilin Click-Lock  
Pattern: Single width plank  
Edge Profile: Micro-Bevelled (all four sides)  
Construction: Composite HDF board with printed paper top, AC4 wear layer  
Packing: Cardboard cartons, shrink wrapped with 8 pieces per carton (1.91m<sup>2</sup> per carton)  
Weight: Each carton will weigh approx. 17kgs  
Underfloor Heating: This floor is suitable for underfloor heating which must be operational before installation

### NBS:

Uniclass: Pr\_25\_71\_97\_93  
CAWS: K21/115 Wood laminate flooring  
K21/110 Wood flooring  
K21/10 Wood laminate flooring  
M42/10 Wood flooring

### Aesthetics, Characteristics & Samples:

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.

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.

## 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 0.115 W/(mk)
Moisture Content:	ASTM D1037-12 Section 37 (Requirement: 6% to 9%) Average Results: <7%
Release of Formaldehyde:	Class E1   EN 717 – 1:2006      Result 0.014 mg / m <sup>3</sup> Requirement: Less than 3 ppm Result: 0.05 ppm
Slip Resistance:	Tested to BS 7967-2: 2002 (Pendulum Test in PTV values) <67 PTV in normal conditions (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:	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. Our waterproof construction option should be selected if the flooring is to be fitted in a moisture rich environment.
Transmission of Sound:	Trident laminate flooring with built-in underlay = 17dB impact sound reduction SW-633 underlay (for boards without built in underlay) = 20dB impact sound reduction N.B Laminate 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.
Manufacturing:	Laminate floors are manufactured in accordance with accepted industry standards. This permits a tolerance of 5%.
TVOC:	Less than 0.5mg/m <sup>3</sup> (CDPH/EHLB Standard Method v1.2-2017)

## Storage Fitting and Maintenance Overview:

Refer to our Storage, Fitting & Maintenance Instructions as well as our T&Cs for full details.

### Storage:

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

### Installation Methods:

All wood/wood-based flooring products should be fitted in accordance with BS8201:2011

Floated: Yes (we recommend our SW-633 underlay)  
(Please note, we can create this product with a built-in underlay)

Over Underfloor Heating: Yes, compatible for UFH subject to following the correct installation requirements

**N.B.** Laminate flooring should never be used as a foundation. Therefore, it is important to design any kitchen cabinets (or other heavy furnishing) with their own structural base and not to be sat on the laminate.

### Cleaning:

**(Never use solvent cleaning product)** Correct cleaning and maintenance is important. Simply clean when needed using Blanchon Lagoon or similar PH-Neutral cleaners. Never apply an oil or wax-based product.

## Health & Safety:

Laminate flooring is a natural product and on its own offers no recognisable health and safety risks. When re-manufacturing any 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® - The Solid Wood Flooring Chain of Custody Number: INT-COC-003944-545*

*PEFC™ - The Solid Wood Flooring Chain of Custody Number: INT-PEFC-COC-1119-545*

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