



The Solid Wood Flooring Company Unit 1 Helena Court, Hampton Street,
Tetbury, Gloucestershire GL8 8JN
Tel: 01666 504015 Fax: 05603 146907 Mobile: 07831 680206



Email: info@thesolidwoodflooringcompany.com Web: www.thesolidwoodflooringcompany.com

Product Data Sheet

D516 NATURAL OAK LAMINATE

FINISH:	<i>Laminate</i>
THICKNESS:	<i>8mm</i>
WIDTH:	<i>197mm wide</i>
LENGTH:	<i>1215mm long with 8 pieces per carton</i>
TYPE:	<i>Single layer HDF with 1 layer of decoration paper hot pressed and fused together to create one balanced board</i>
GRADE:	<i>AC4 / Class 33 General Commercial Grade - hardness tested to EN13329 to achieve IP > 4000 revolutions</i>
BOARD PROFILE:	<i>Double Click Lock with Micro bevel joint</i>

TECHNICAL INFORMATION

WOOD TYPE:	<i>High Density Fibre Board</i>
COMMON NAME:	<i>HDF</i>

CHARACTERISTICS

COLOUR / APPEARANCE:	<i>Natural Oak colour, impact and stain resistant</i>
GRAIN / TEXTURE:	<i>Oak graining with a profiled slip resistant surface</i>
SUITABILITY of USE:	<i>Non-structural board – suitable for use with under floor heating</i>

SUSTAINABILITY:	<i>HDF boards are not listed in CITES Appendices or on the IUCN Red List of Threatened Species.</i>
------------------------	---

BRE GREEN GUIDE	<i>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</i>
------------------------	--

COMPANY APPROVALS:	<i>The Solid Wood Flooring Company are: Members of The Timber Trade Federation Operate and are audited to the TTF Responsible Purchasing Policy FSC - Solid Wood Flooring Certificate Code: RA-COC-005535 FSC - Solid Wood Flooring License Number: FSC-C007915 FSC - Solid Wood Flooring Chain of Custody Number: RA-COC-005535 HA PEFC - Solid Wood Flooring Licence Number: PEFC/16-37-1814 PEFC - Solid Wood Flooring Certificate Number: CATG-FEFC-400-AT WWF Global Forest & Trade Network UK – The Solid Wood Flooring Company achieve the highest - 3 Trees - accreditation</i>
---------------------------	---

AESTHETICS:	<i>Wood flooring is a natural product, and will have inherent characteristics such as shade variation, different graining and knotting. It is the art (and responsibility) of the fitter to re-manufacture the wood flooring materials to create a finished floor.</i>
--------------------	--

SAMPLES:	<i>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.</i>
FIXING:	<i>All wood Flooring products should be fitted in accordance with BS8201:2011 which is the 'Code of Practice for flooring of timber, timber products and wood based panel products'. Normal manufacturing tolerance of 5% has been set to allow for de-selection of material if deemed unsuitable for the installation. A 5% cutting or waste allowance must therefore be added to the net square meters required. Engineered wood flooring can be either fitted Fully Bonded using SW890 adhesive, unbonded using underlays or secret fixed. If the boards are to be installed with under floor heating, please see the under floor heating instructions on our website or ring The Solid Wood Flooring Company to discuss your specific Project</i>
NBS:	<i>NBS specifications can be written for projects by request</i>
CLEANING:	<i>Correct cleaning and maintained is important. Please see the cleaning and maintenance section on our website, and for larger projects specific Operation and Maintenance manuals can be written by request.</i>
STORAGE:	<i>DO NOT take boards onto site until all WET trades have been completed and Relative Humidity is less than 65%. Stack cartons 50mm off the substrate supported along their full length, a minimum of 500mm from any wall, and allow the wood boards to retain a moisture content of between 6% and 9%. The moisture content of the substrate must be as detailed in BS8201:2011:</i> <ul style="list-style-type: none"> <i>• Cement and sand screed less than 2%</i> <i>• Calcium Sulphate screed less than 0.5%</i> <i>• Timber battens or joists less than 12%</i> <i>• Timber less than 12%</i>
THERMAL PROPERTIES	<i>Laminate will offer some thermal properties but will not be as good as engineered boards 20mm thick boards with a 4mm or 6mm top layer will lose 0.10 m2 K/W - 15mm boards with a 4mm or 6mm top layer will lose 0.08 K/W</i>
TRANSMISSION OF SOUND	<i>Wood flooring on it's own will offer some assistance to reduce the passage of sound. Typical Impact sound requirements will be somewhere between 59 and 72 decibels (depending on the building and it's age) but it is the build up of the whole floor and the surroundings that contribute to impact and airborne sound - so for accurate assessments - a qualified engineer should be employed to calculate how to achieve accurate results.</i>
HEALTH & SAFETY	<i>When re-manufacturing any wood product please follow HSE advice. Engineered wood flooring is a natural product and on it's own, offers no recognisable health and safety risks, and any emissions from the Dynea adhesives used in production are very small. Formaldehyde Tested to EN 717 – 1 Result 0.014 mg / m3 EN 717 Requirement: Less than 3 parts per million - Result: 0.0053 parts per million</i>
SLIP RESISTANCE:	<i>SATRA independent type testing has recorded this type of finish to achieve:</i> RZ value of 3.5 µm DRY 63 PTV's WET 27 PTV's