



The Solid Wood Flooring Company
Unit 1 Helena Court, Hampton Street,
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Friday, 20 September 2013

ARCHITECTS AND DESIGNERS TECHNICAL PAGE AND DETAILS FOR THE SPECIFICATION OF OUR WOOD FLOORING

When specifying our wood flooring you should state that any substituted wood flooring should conform to the same stringent requirements to ensure that inferior products are not supplied which could compromise the integrity of the installation. Normal contracts state that no change to the specification can be made without the approval of the Architect.

"We are certified by the Forest Stewardship Council® (FSC) with a chain of custody certificate so we can be sure that that all our FSC certified flooring comes from forests that meet comprehensive standards for protecting the environment and the rights and welfare of workers and communities. Further details can be found at <http://www.fsc.org/>."

Our Wood Flooring meets all the Essential Characteristics with EN or BS standard testing method

Moisture Content: EN 13183-1 Result = 7 %

Width permitted deviation: EN 13647 Result - 0.01mm

Reaction to Fire: EN 13501-1 Result Dn-s1

Release of Formaldehyde: EN 717-1 Result 0.014 mg/m³

Breaking Strength: EN1533 Result 22.7 kN

Slipperiness: CEN/TS 15676 Result USRV 58

Thermal Conductivity: EN ISO 10456 and EN ISO 12664 Result 0.15 W/(mk)

Load Bearing: complies with BS 6399-1:1996 Table 1 section 3 for load bearing

Slip test using the pendulum tester method BS7967 part 2 classifications the slip resistance group guidelines Slip Potential (PTV) values are as follows:



Diamond Range

Amethyst Range

Ruby Range

Sapphire Range

High slip potential 0 - 24 Moderate slip potential 25 - 35 Low slip potential 36+

As can be seen from the results below of our type tested products, our floors have very low slip potential.

Type of Board:

Natural Oiled Wood Flooring Oak
Lacquered Wood Flooring
Brushed and UV Oiled Wood Flooring

Dry overall slip measurement 66
 Wet (water) slip measurement 29
Dry overall slip measurement 61
 Wet (water) slip measurement 29
Dry overall slip measurement 64
 Wet (water) slip measurement 29

All our boards finished with the latest Bona Anti Slip Lacquer have the following results, which is the best in the UK

Testing of one sample described by the customer as 'E308 Wide, Antique natural oak with BONA commercial lacquer + anti-slip top coat' to BS 7976-2:2002 Overall average slip measurement (PTV's)
Dry overall slip measurement 66
Wet overall slip measurement 42

ALL OUR PRODUCTS MEET THE SPECIFICATION REQUIRED FOR SPECIFIC AREAS AS SET OUT BELOW

Domestic

1. High traffic with children and pets
2. Low traffic
3. Apartments basement and ground floor
4. Apartments with acoustic floors first floor and upwards
5. Apartments without acoustic concrete floors

Domestic Areas

1. Conservatoires
2. Kitchens
3. Bathrooms
4. Living areas

Hotels

1. Entrance areas
2. Bars and Dining areas
3. Bedrooms

Museums

1. Office areas
2. Display areas

Schools and Colleges

1. Classrooms



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2. Laboratories
3. Office areas

Pubs and Night Clubs

1. Dining areas
2. Bar areas

Offices

1. Reception areas
2. General office area

General Commercial premises

1. High traffic areas
2. Low traffic areas

PRODUCT SELECTION FOR FINISH AND COLOUR

1. Light Oak lacquered
2. Light Oak Oiled
3. Light Oak Brushed and Oiled
4. White Oiled Oak
5. Mid Colour Oak Smoke and Stained

SUB FLOORS WHERE THE WOOD FLOORING WILL BE FITTED

Sub Floors without underfloor heating:

1. New Concrete screed
2. Old Concrete screed
3. Anhydrite Screeds
4. Old Floorboards
5. Batten system
6. Joists with 350mm to 450mm centres
7. Joists 500mm plus centres
8. Joists with voids underneath where there is temperature and humidity variations

Sub Floors with Underfloor Heating

1. Polystyrene with aluminium spreader plates
2. Underfloor heating concrete screed
3. Electric matting heating system
4. Anhydrite screed over heating pipes
5. Underfloor heating with battens

SHOULD YOU HAVE ANY UNIQUE REQUIREMENTS PLEASE CALL 01666 504015



Diamond Range

Amethyst Range

Ruby Range

Sapphire Range