



The Solid Wood Flooring Company  
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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/m<sup>3</sup>

**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