



# MARCHAND FLOORING SLIP RESISTANCE TEST

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## 1. Product Information:

Product Name: Marchand European Oak Timber Flooring  
Thickness: 20mm  
Material: European Oak (Solid Timber)  
Colour: Light Brown  
Surface Condition: Fine Textured, Tested as received  
Cleaning: With a dry lint-free cloth  
Prepared For: Marchand Limited  
Issue Date: 14-05-2024

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## 2. Slip Resistance Testing (Independent Slip Testing Services):

Test Site: Independent Slip Testing Services - Slip Resistance Testing Facility  
Testing Technician: M. Walton  
Test Date: 11-05-2024

### 2.1. Wet Pendulum Slip Resistance (AS/NZS 4586:2004):

Testing Instrument: Pendulum Skid Tester with Slider 96 (4S) rubber (Serial #: W1036)

Environmental Conditions: Internal - Non-airconditioned, 18°C

Mean Result (Rounded to nearest whole number): 39 BPN

#### Individual Results:

- Specimen #1: 40 BPN
- Specimen #2: 42 BPN
- Specimen #3: 36 BPN
- Specimen #4: 37 BPN
- Specimen #5: 38 BPN

Classification (Slider 96 (4S) rubber surface to the risk of slipping when wet): X (Moderate)

#### Interpretation of Wet Pendulum Results (AS/NZS 4663:2004):

- A Pendulum mean BPN of 39 falls within the Moderate (X) classification according to AS/NZS 4586:2004. This suggests a moderate level of slip resistance when the floor is wet.
- According to the interpretation guide (AS/NZS 4663:2004), a "Moderate" classification indicates a floor surface that offers a reasonable level of safety in wet conditions for many common applications. However, in areas with a higher risk of water exposure or where enhanced slip resistance is desired (e.g., entry foyers of public buildings - wet areas, communal changing rooms as per HB197:1999), a higher classification (W or V) might be recommended.



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### 2.2. Dry Floor Friction Slip Resistance (AS/NZS 4586:2004):

Testing Instrument: Tortus3 Dry Floor Friction Tester with Slider 96 (4S) rubber (Serial #: 419)

Environmental Conditions: Internal - Non-air conditioning, 18°C

Test Run #1 Result (COF): 0.50

Test Run #2 Result (COF): 0.45

Mean COF (Rounded to 0.05): 0.48

Classification (Surface to the risk of slipping when dry): F (Moderate to Very Low)

Interpretation of Dry Floor Friction Results (AS/NZS 4663:2004):

- The mean Coefficient of Friction (COF) of 0.48 results in a classification of F (Moderate to Very Low) for dry conditions.
- As per AS/NZS 4663:2004, an "F" classification indicates a floor surface with moderate to very low potential for slipping when dry. This level of dry slip resistance is generally considered suitable for most internal applications where the floor is expected to remain dry. The New Zealand testing standard indicates that floors should have a dry floor friction classification of F unless normal usage dictates a low dry coefficient of friction (e.g., dance floors).

### 3. Dimensions:

- Thickness: 20mm
- Sample Size (Tested): 24cm x 30cm (Note: This is the size of the test specimen and not the standard plank dimensions.)

### 4. Installation:

- Fixed/Unfixed (During Testing): Unfixed (Note: This refers to the testing conditions. Refer to manufacturer's installation guidelines for recommended installation methods.)

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This spec sheet is based on the provided test report from Independent Slip Testing Services (ISTS). The original test results can be provided on request.