

# MALVERN

GLAZED PORCELAIN | FLOOR AND WALL TILES

WOOD

SELECT



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Est. 1901  
**JOHNSON  
TILES**

# MALVERN



**FORU COLOURS**



**ONE SIZE**



**TWO FINISHES**

Inspired by biophilic design and creating interiors that connect us to outdoor spaces, Malvern pairs realistic wood detailing with shades influenced by our natural surroundings for a fresh aesthetic with modern vibes. This porcelain range is available in a classic elongated plank format of 900x225mm in two finishes of Natural and Grip with a complementary round-top skirting also featured for the complete tiling solution.





## COLOURS AND PRODUCT CODES

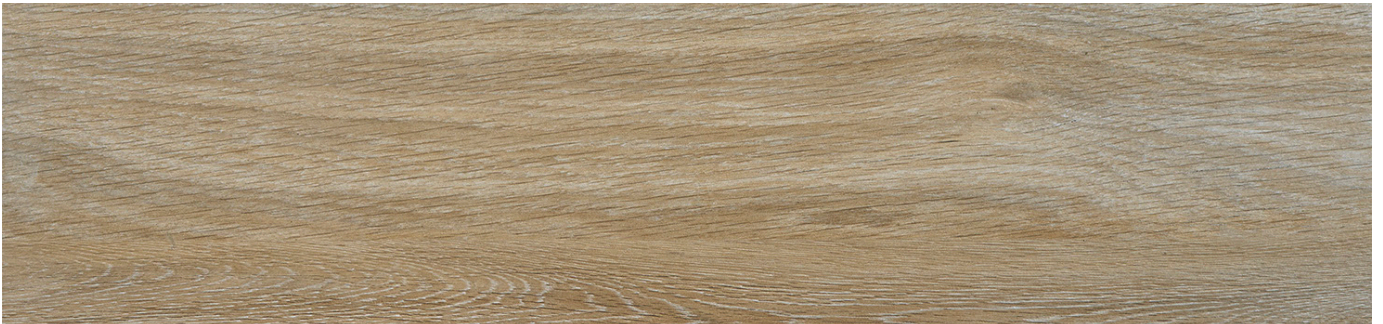
V2: Low to Moderate Shade Variation

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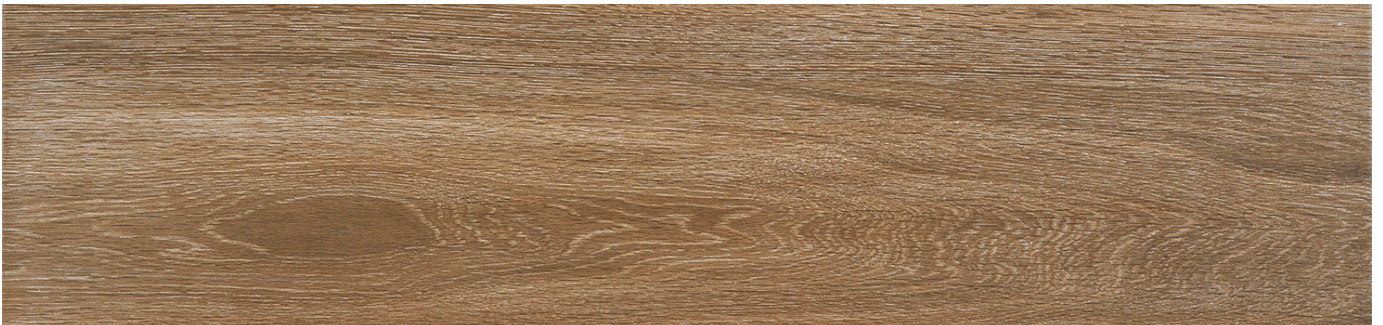
### **BRICH** PEI: IV LRV: 40

Product Code: N MAL01N + G MAL01G | Fitting Code: N MAL1NS



### **OAK** PEI: IV LRV: 31

Product Code: N MAL02N + G MAL02G | Fitting Code: N MAL2NS



### **CHESTNUT** PEI: IV LRV: 22

Product Code: N MAL03N + G MAL03G | Fitting Code: N MAL3NS



### **ASH** PEI: IV LRV: 24

Product Code: N MAL04N + G MAL04G | Fitting Code: N MAL4NS

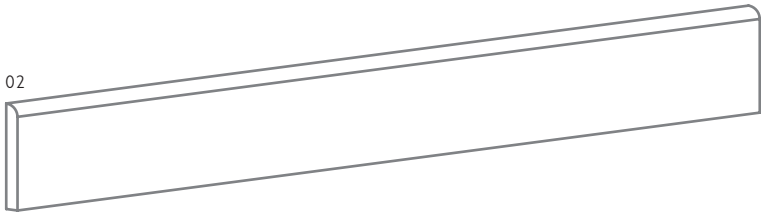
# SIZE FORMATS AND AVAILABILITY

Size Options and Packing Information


01



02



| #  | Size Format | Thickness | Finish   | Availability      | Class | Pcs / Box | M² / Box | Kg / Box |
|----|-------------|-----------|--|-------------------|-------|-----------|----------|----------|
| 01 | 900x225mm   | 8.5mm     |  Natural | All Colours Shown | Bla   | 6 Tiles   | 1.21 m²  | 22.50 kg |
|    |             |           |  Grip   | All Colours Shown | Bla   | 6 Tiles   | 1.21 m²  | 22.50 kg |

| #  | Fittings                 | Thickness | Finish  | Availability      | Class | Pcs / Box | Lm / Box | Kg / Box |
|----|--------------------------|-----------|---|-------------------|-------|-----------|----------|----------|
| 03 | 900x75mm<br>R/T Skirting | 8.5mm     |  Natural | All Colours Shown | Bla   | 15 Tiles  | 13.50 lm | 22.50 kg |

**Note:** Glazed Porcelain / Bla tiles. For more information please see the suitability advice given in the technical section. All sizes indicated are metric modular. All sizes shown are nominal. For the most up-to-date size, colour and finish availability, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com).





Oak Natural 900x225x8.5mm - MAL02N



# TECHNICAL SUPPORT

Specification, Sustainability and Important Information













## Product Specification

| Range Name | Finish  | Wall Suitability      | Floor Suitability     | Wet Barefoot | Material / Class       |
|------------|---|-----------------------|-----------------------|--------------|------------------------|
| Malvern    |  Natural | Internal and External | Internal Only         | -            | Glazed Porcelain / Bla |
|            |  Grip    | Internal and External | Internal and External | Yes          | Glazed Porcelain / Bla |

## Floor Values

| Finish  | Colour            | PTV (96)    | PTV (55) | R Value | Wet Ramp | PEI | Traffic    |
|---|-------------------|-------------|----------|---------|----------|-----|------------|
|  Natural | All Colours Shown | Wet 25 - 35 | -        | R 10    | -        | IV  | Commercial |
|  Grip    | All Colours Shown | Wet 36+     | Wet 36+  | R 11    | -        | IV  | Commercial |

## Physical Properties - Glazed Porcelain / Bla

| Test and Standard  | Requirement                       | Result | Test and Standard  | Requirement                | Result                         |
|--|-----------------------------------|--------|--|----------------------------|--------------------------------|
|  Length / Width<br>EN ISO 10545-2       | $\pm 0.6\% \leq \pm 2\text{mm}$   | Pass   |  Modulus of Rupture<br>EN ISO 10545-4   | Min. 35N / mm <sup>2</sup> | Pass                           |
|  Thickness<br>EN ISO 10545-2            | $\pm 5\% \leq \pm 0.5\text{mm}$   | Pass   |  Thermal Shock<br>EN ISO 10545-9        | Pass                       | Pass                           |
|  Straightness of Side<br>EN ISO 10545-2 | $\pm 0.5\% \leq \pm 1.5\text{mm}$ | Pass   |  Frost Resistance<br>EN ISO 10545-12    | Resistant                  | Resistant                      |
|  Rectangularity<br>EN ISO 10545-2       | $\pm 0.5\% \leq \pm 2\text{mm}$   | Pass   |  Chemical Resistance<br>EN ISO 10545-13 | Min. Class B               | Pass                           |
|  Surface Flatness<br>EN ISO 10545-2   | $\pm 0.5\% \leq \pm 2\text{mm}$   | Pass   |  Stain Resistance<br>EN ISO 10545-14  | Min. Class 3               | Pass                           |
|  Water Absorption<br>EN ISO 10545-3   | $\leq 0.5\%$                      | Pass   |  Fire Rating                          |                            | Class A1 FL<br>Non Combustible |

## Sustainability Credentials

| Range Name | Material / Class       | EPD | Recycled Content - Tiles | Recycled Content - Packaging |
|------------|------------------------|-----|--------------------------|------------------------------|
| Malvern    | Glazed Porcelain / Bla | Yes | Up to 40%                | Up to 100% (Boxes Only)      |

**Note:** Due to the manufacturing process of all floor tiles there may be small variations in slip resistance. Given this, please refer to our website for the most up-to-date information. The slip resistance properties of a surface can only be maintained with the implementation of an effective regular cleaning and maintenance regime. The frequency of cleaning should be determined by the property manager based on the potential level of surface contaminants. The need for an additional regular cleaning and maintenance regime is further heightened when tiles are used for external floor and wet barefoot applications. Please contact our technical helpline, or visit our website for specification and installation advice. All floor tiles shown in this literature achieve a PTV (96) Dry 36+ test result. PTV (96): Pendulum Test Value - 4S. PTV (55): Pendulum Test Value - TRL. R Value (DIN 51130). Wet Ramp (DIN 51097). PEI: Porcelain Enamel Institute. EPD: Environmental Product Declaration. CSV: Colour Shade Variation.

## Important Information

During the manufacturing process of ceramic and porcelain tiles, some variation in shade and pattern can occur. Before fixing any tiles; several boxes should be opened and their contents mixed to ensure that size, colour and patterning are acceptable.

The tiles shown in this literature are quality products and conform to BS EN 14411 as shown in the physical properties listed above.

For a comprehensive colour, size, finish and availability overview along with full technical and sustainability information for all products shown, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com)

- All sizes listed are metric modular.
- For specific suitability details, please contact our technical advice helpline or use the email address provided.
- Johnson Tiles Limited cannot accept responsibility for any tiles that have already been fixed.
- Johnson Tiles Limited reserves the right to change specification and availability information without prior notice.
- Nothing in these statements does or will affect the statutory rights of the consumer.

All product technical values quoted in this literature are supported by laboratory testing from our own and independent ceramic test houses. Johnson Tiles Limited are British Standard registered. To find out more, please contact our technical advice helpline on +44 (0)1782 524 111 or email: [technical@johnson-tiles.com](mailto:technical@johnson-tiles.com).

## WHERE TO FIND US

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### Material Lab Studio

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Email: [info@material-lab.co.uk](mailto:info@material-lab.co.uk)  
[www.material-lab.co.uk](http://www.material-lab.co.uk)

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### Factory Outlet

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Email: [foutlet@johnson-tiles.com](mailto:foutlet@johnson-tiles.com)  
[www.outlet.johnson-tiles.com](http://www.outlet.johnson-tiles.com)

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### Customer Services

Tel: +44 (0)1782 524 000  
Email: [sales@johnson-tiles.com](mailto:sales@johnson-tiles.com)  
8:30am - 4:30pm (Monday - Friday)

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### Order A Sample

Tel: +44 (0)1782 524 043  
Email: [samples@johnson-tiles.com](mailto:samples@johnson-tiles.com)

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### Technical Advice Helpline

Tel: +44 (0)1782 524 111  
Email: [technical@johnson-tiles.com](mailto:technical@johnson-tiles.com)

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Updated: October 2024