

MALVERN PRODUCT DATA SHEET



Available Sizes
900x225x8.5mm

Samples Service

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Technical Helpline

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Recycled Content **Up to 40%**

Range	Malvern
Category	Wood, Floor Tiles
Collection	Select Collection
Short Code	MAL01N
Colour	Birch
Finish	Natural
Wall Suitability	Internal & External
Floor Suitability	Internal Only
Wet Barefoot	-
Material	Glazed Porcelain
Classification	Bla
Light Reflectance Value	40.00
CSV	V2
PTV (96)	Wet 25-35 Dry 36+
PTV (55)	-
R Value	10
Wet Ramp	-
PEI	IV
Traffic	Commercial

Physical Properties

Test / Standard	Requirement	Test Result
Length/Width EN ISO 10545-2	$\pm 0.6\% \leq \pm 2\text{mm}$	$\pm 0.23\%$
Thickness EN ISO 10545-2	$\pm 5\% \leq \pm 0.5\text{mm}$	$\pm 0.5\text{mm}$
Straightness of Sides EN ISO 10545-2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	$\pm 0.16\%$
Rectangularity EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.16\%$
Surface Flatness EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.16\%$
Water Absorption EN ISO 10545-3	$\leq 0.5\%$	Pass
Modulus of Rupture EN ISO 10545-4	$\geq 35\text{N/mm}^2$	Pass
Thermal Shock EN ISO 10545-9	Pass	Pass
Frost Resistance EN ISO 10545-12	Resistant	Resistant
Chemical Resistance EN ISO 10545-13	Min Class B	Pass
Stain Resistance EN ISO 10545-14	Min Class 3	Pass
UV Colour Resistance		Unaffected by light
Fire Rating Not Applicable	N/A	Class A1 FL Non Combustible
Weight/m² Thickness: 8.5mm		18.52kg

Tile colours shown of the tile product on this data sheet are as accurate as the limitations of the printing process will allow. Due to the manufacturing process of all floor tiles there may be small variations in slip resistance. The slip resistance values provided are accurate at the time of testing and represent the standard production value. Please note, inadequate cleaning and maintenance will lead to a significant reduction in the slip resistance of any tiles. The pendulum test results are displayed in line with The Health & Safety Executive guidelines whereby 0 - 24 represents a high slip potential, 25 - 35 signifies a moderate slip potential and 36+ represents a low slip potential. All figures are accurate at the time of this data sheets creation (01/05/2025). Johnson Tiles Limited, Harewood Street, Tunstall, Stoke-on-Trent. ST6 5JZ. Registered in England No. 15600432. © 2025 Johnson Tiles. All rights reserved.

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