

# KERASTAR PRODUCT DATA SHEET



## Available Sizes

300x300x8.3mm

## Samples Service

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## Technical Helpline

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[www.johnson-tiles.com](http://www.johnson-tiles.com)

Recycled Content Up to 6%

Range	Kerastar
Category	Colour, Floor Tiles
Collection	Intro Collection
Short Code	KEM546
Colour	Orange
Finish	Matt
Wall Suitability	Internal & External
Floor Suitability	Internal Only
Wet Barefoot	-
Material	Un-glazed Porcelain
Classification	Bla
Light Reflectance Value	32.00
CSV	VI
PTV (96)	Wet 25-35 Dry 36+
PTV (55)	-
R Value	9
Wet Ramp	-
PEI	-
Traffic	Commercial

## Physical Properties

Test / Standard	Requirement	Test Result
<b>Length/Width</b> EN ISO 10545-2	$\pm 0.6\% \leq \pm 2\text{mm}$	$\pm 0.3\%$
<b>Thickness</b> EN ISO 10545-2	$\pm 5\% \leq \pm 0.5\text{mm}$	$\pm 3\%$
<b>Straightness of Sides</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	$\pm 0.3\%$
<b>Rectangularity</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.3\%$
<b>Surface Flatness</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.3\%$
<b>Water Absorption</b> EN ISO 10545-3	$\leq 0.5\%$	$\leq 0.1\%$
<b>Modulus of Rupture</b> EN ISO 10545-4	$\geq 35\text{N/mm}^2$	$\geq 45\text{N/mm}^2$
<b>Thermal Shock</b> EN ISO 10545-9	Pass	Pass
<b>Frost Resistance</b> EN ISO 10545-12	Resistant	Resistant
<b>Chemical Resistance</b> EN ISO 10545-13	No Visible Effect	Pass
<b>Stain Resistance</b> EN ISO 10545-14		$\geq \text{Class 2}$
<b>Fire Rating</b> Not Applicable	N/A	Class A1 FL Non Combustible
<b>Weight/m²</b>		
Thickness: 7.6mm		16.78kg
Thickness: 8.3mm		18.56kg
Thickness: 8.5mm		19.12kg
Thickness: 9.2mm		21.67kg
Thickness: 9.8mm		21.12kg
Thickness: 10.5mm		24.37kg
Thickness: 14mm		31.39kg

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 (22/05/2025). 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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**JOHNSON  
TILES**