

# ESSENTIAL PRODUCT DATA SHEET



## Available Sizes

450x450x8.5mm  
1200x590x10mm  
600x300x8.7mm  
590x590x9.5mm  
990x990x10mm

## Samples Service

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## Technical Helpline

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Range	Essential
Category	Concrete, Floor Tiles, PTV 36+ Tiles
Collection	Select Collection
Short Code	ESS05N
Colour	Charcoal
Finish	Natural
Wall Suitability	Internal & External
Floor Suitability	Internal Only
Wet Barefoot	-
Material	Glazed Porcelain
Classification	Bla
Light Reflectance Value	16.00
CSV	V3
PTV (96)	Wet 36+ Dry 36+
PTV (55)	-
R Value	10
Wet Ramp	C
PEI	III
Traffic	Light Commercial

Physical Properties		
Test / Standard	Requirement	Test Result
 <b>Length/Width</b> EN ISO 10545-2	$\pm 0.6\% \leq \pm 2\text{mm}$	Pass
 <b>Thickness</b> EN ISO 10545-2	$\pm 5\% \leq \pm 0.5\text{mm}$	Pass
 <b>Straightness of Sides</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	Pass
 <b>Rectangularity</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
 <b>Surface Flatness</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
 <b>Water Absorption</b> EN ISO 10545-3	$\leq 0.5\%$	Pass
 <b>Modulus of Rupture</b> EN ISO 10545-4	$\geq 35\text{N/mm}^2$	Pass
 <b>Frost Resistance</b> EN ISO 10545-12	Resistant	Resistant
 <b>Chemical Resistance</b> EN ISO 10545-13	Min Class B	Min Class B
 <b>Stain Resistance</b> EN ISO 10545-14	Min Class 3	Min Class 3
 <b>Fire Rating</b> Not Applicable	N/A	Class A1 FL Non Combustible
 <b>Weight/m<sup>2</sup></b>		
	Thickness: 8.5mm	17.68kg
	Thickness: 8.7mm	18.19kg
	Thickness: 9.5mm	19.77kg
	Thickness: 10mm	22.1kg

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 (30/04/2025). Johnson Tiles Limited, Harewood Street, Tunstall, Stoke-on-Trent. ST6 5JZ. Registered in England No. 15600432. © 2025 Johnson Tiles. All rights reserved.