

# REFINE PRODUCT DATA SHEET



## Available Sizes

2700x900x6mm  
1200x600x6mm

## Samples Service

Tel: +44 (0)1782 524 043  
Fax: +44 (0)1782 577 379  
Email: [samples@johnson-tiles.com](mailto:samples@johnson-tiles.com)

## Technical Helpline

Tel: +44 (0)1782 524 111  
Fax: +44 (0)1782 577 379  
Email: [techadvice@johnson-tiles.com](mailto:techadvice@johnson-tiles.com)

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

Recycled Content Up to 30%

Range	Refine
Category	Stone
Collection	Absolute Collection
Short Code	REF3DN
Colour	Lavastone
Finish	Natural - Ductile
Wall Suitability	Internal Only
Floor Suitability	-
Wet Barefoot	-
Material	Ceramic
Classification	BIII
Light Reflectance Value	18.00
CSV	V2

## Physical Properties

Test / Standard	Requirement	Test Result
<b>Length/Width</b> EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
<b>Thickness</b> EN ISO 10545-2	$\pm 10\% \leq \pm 0.5\text{mm}$	Pass
<b>Straightness of Sides</b> EN ISO 10545-2	$\pm 0.3\% \leq \pm 1.5\text{mm}$	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	10% to 20%	Pass
<b>Modulus of Rupture</b> EN ISO 10545-4	Ave 15N/mm <sup>2</sup>	$\geq 25\text{N/mm}^2$
<b>Thermal Shock</b> EN ISO 10545-9	Pass	Pass
<b>Frost Resistance</b> Not Applicable	N/A	Not suitable
<b>Chemical Resistance</b> EN ISO 10545-13	Min Class B	Class A
<b>Stain Resistance</b> EN ISO 10545-14	Min Class 3	Class 5
<b>Fire Rating</b>		Class A I Non Combustible
<b>Weight/m<sup>2</sup></b> Thickness 6mm		10.68kg

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 (09/05/2025). Johnson Tiles Limited, Harewood Street, Tunstall, Stoke-on-Trent. ST6 5JZ. Registered in England No. 15600432. © 2025 Johnson Tiles. All rights reserved.

Est. 1901  
**JOHNSON**  
TILES