

REFINE PRODUCT DATA SHEET



Available Sizes

900x900x20mm
1200x1200x20mm

Samples Service

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Technical Helpline

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Recycled Content **Up to 30%**

Range	Refine
Category	Stone, 2cm
Collection	Absolute Collection
Short Code	REF02E
Colour	Pewter
Finish	Grip+ 2cm
Wall Suitability	Internal & External
Floor Suitability	Internal & External
Wet Barefoot	Yes
Material	Porcelain
Classification	Bla
Light Reflectance Value	29.00
CSV	V2
PTV (4S)	Wet 36+ Dry 36+
PTV (TRL)	Wet 36+
R Value	11
Wet Ramp	C
PEI	-
Traffic	Commercial

Physical Properties

Test / Standard	Requirement	Test Result
Length/Width EN ISO 10545-2	$\pm 0.6\% \leq \pm 2\text{mm}$	Pass
Thickness EN ISO 10545-2	$\pm 5\% \leq \pm 0.5\text{mm}$	Pass
Straightness of Sides EN ISO 10545-2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	Pass
Rectangularity EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
Surface Flatness EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
Water Absorption EN ISO 10545-3	$\leq 0.5\%$	$\leq 0.5\%$
Modulus of Rupture EN ISO 10545-4	$\geq 35\text{N/mm}^2$	$\geq 35\text{N/mm}^2$
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	Class 5
Fire Rating Not Applicable	N/A	Class A1 FL Non Combustible
Weight/m²		
	Thickness: 6mm	14.09kg
	Thickness: 9mm	21.19kg
	Thickness: 20mm	45.85kg

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 (21/03/2021). Johnson Tiles is a division of Norcros Group (Holdings) Limited, Ladyfield House, Station Road, Wilmstow, Cheshire, SK9 1BU. Registered in England No. 566694. Johnson Tiles, Johnson, Absolute and Material Lab are registered trademarks and together with Kerastar and product names are the trademarks of H&R Johnson Tiles Limited and licensed to Norcros Group (Holdings) Limited trading as Johnson Tiles. © 2021 Johnson Tiles. All rights reserved.

JOHNSON · TILES
MADE IN THE UK SINCE 1901