

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

Technical Helpline

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

www.johnson-tiles.com

Recycled Content **Up to 30%**

Range	Refine
Category	Stone
Collection	Absolute Collection
Short Code	REF4DN
Colour	Basalt
Finish	Natural - Ductile
Wall Suitability	Internal Only
Floor Suitability	-
Wet Barefoot	-
Material	Ceramic
Classification	BIII
Light Reflectance Value	19.00
CSV	V2

Physical Properties

Test / Standard	Requirement	Test Result
Length/Width EN ISO 10545-2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass
Thickness EN ISO 10545-2	$\pm 10\% \leq \pm 0.5\text{mm}$	Pass
Straightness of Sides EN ISO 10545-2	$\pm 0.3\% \leq \pm 1.5\text{mm}$	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	10% to 20%	Pass
Modulus of Rupture EN ISO 10545-4	Ave 15N/mm ²	$\geq 25\text{N/mm}^2$
Thermal Shock EN ISO 10545-9	Pass	Pass
Frost Resistance Not Applicable	N/A	Not suitable
Chemical Resistance EN ISO 10545-13	Min Class B	Class A
Stain Resistance EN ISO 10545-14	Min Class 3	Class 5
Fire Rating		Class A I Non Combustible
Weight/m² 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 (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