

# ZION

UN-GLAZED PORCELAIN | FLOOR & WALL TILES

STONE SELECT



# ZION



FOUR COLOURS



TWO SIZES



TWO FINISHES

Evoking neutral tones, Zion offers a classically simple stone-effect colour palette that conveys sophistication and elegance; from the lighter notes of Bone and Pebble to the richer shades of Flint and Basalt, Zion delivers clean lines and calming tones to achieve an opulent look. Featuring two finishes – Natural and Polished; and two large-format sizes of 600x600mm and 600x300mm, any combination from this range will easily lift the luxury of an installation. Zion achieves a PTV 36+ slip resistance rating through the Natural finish, which makes it well-suited for all residential and commercial applications.







Bone Polished 600x600x8.5mm - ZIN01P



Pebble Polished 600x600x8.5mm - ZIN02P



Basalt Polished 600x600x8.5mm - ZIN04P





## Colours & Product Codes

V2: Low to Moderate Shade Variation

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**BONE** LRV: 53

Product Code - All Sizes: N ZIN01N + P ZIN01P



**PEBBLE** LRV: 40

Product Code - All Sizes: N ZIN02N + P ZIN02P

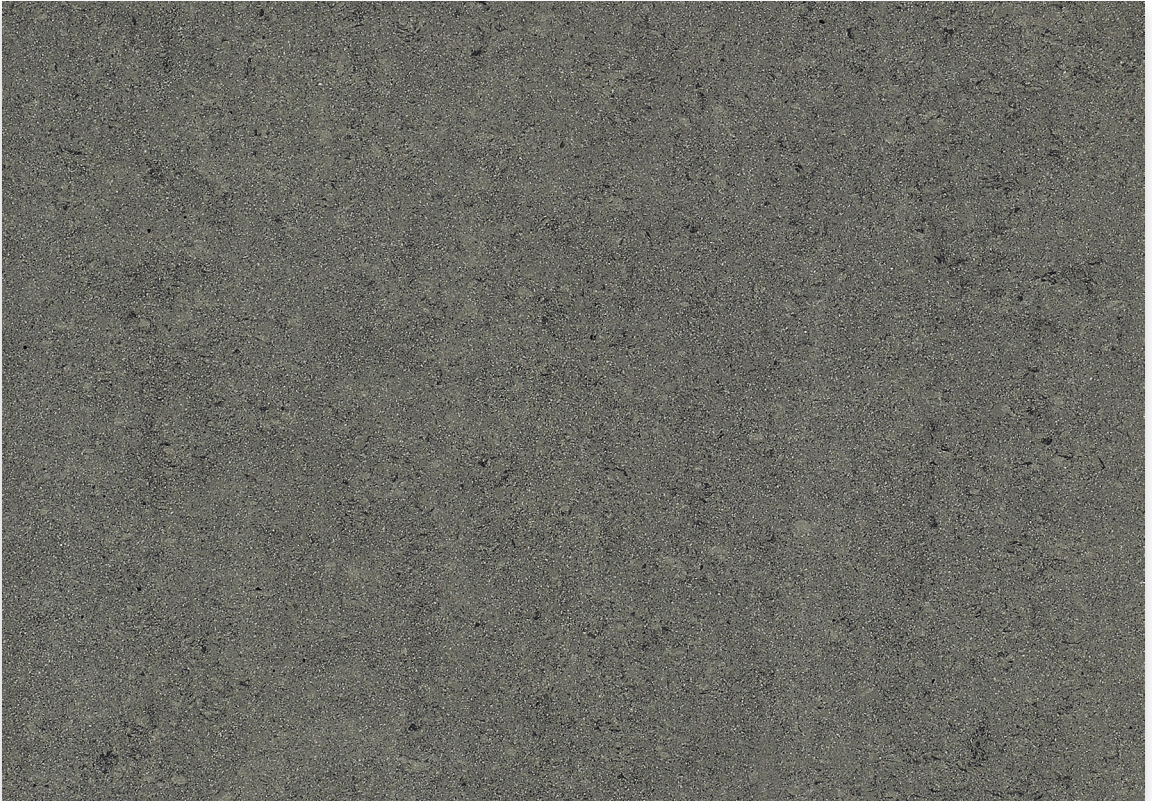




## Colours & Product Codes

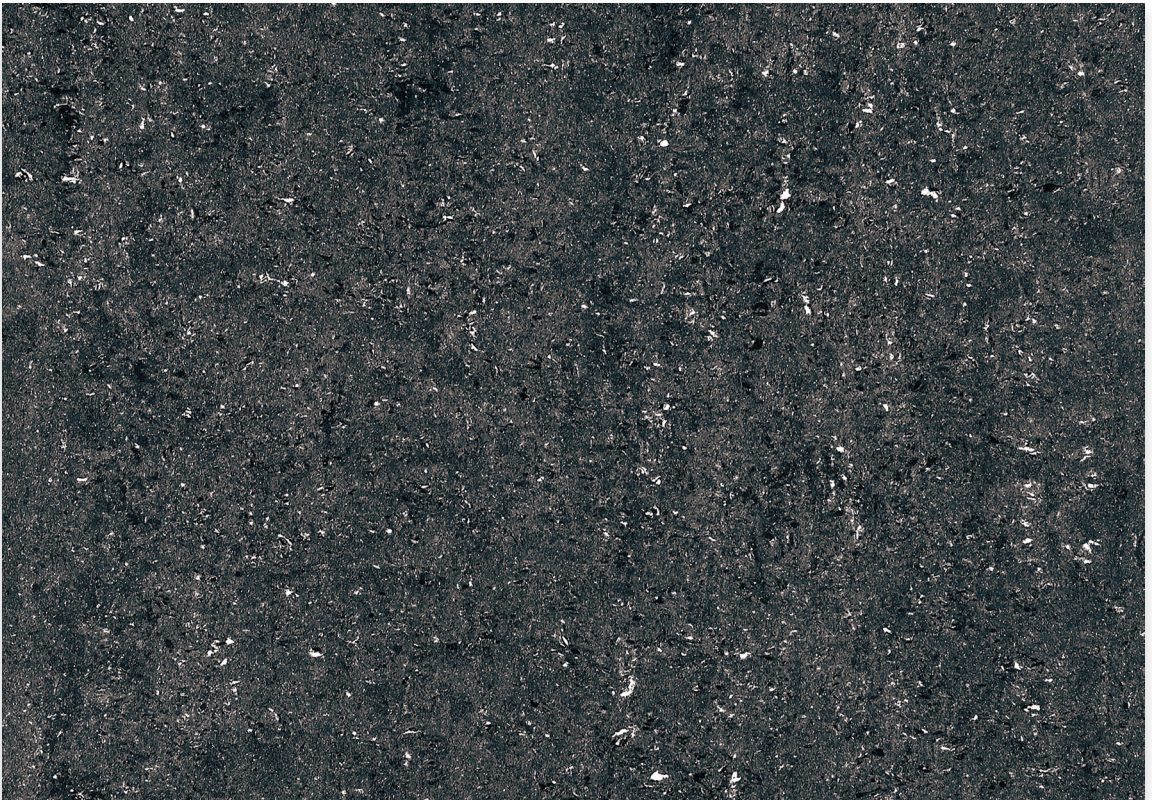
V2: Low to Moderate Shade Variation

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### FLINT LRV: 22

Product Code - All Sizes: N ZIN03N + P ZIN03P



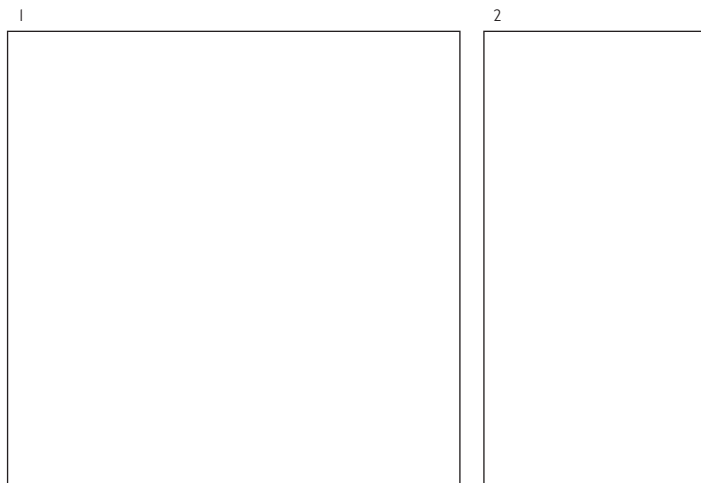
### BASALT LRV: 13

Product Code - All Sizes: N ZIN04N + P ZIN04P





## Size Formats Sizing & Packing Information



#	Size	Thickness	Finish	Structure	Class	Pcs / Box	M <sup>2</sup> / Box	Kg / Box
1	600x600mm	9.2mm	Natural	-	Bla	4 Tiles	1.44 m <sup>2</sup>	31.50 kg
		8.5mm	Polished	-	Bla	4 Tiles	1.44 m <sup>2</sup>	30.50 kg
2	600x300mm	9.2mm	Natural	-	Bla	8 Tiles	1.44 m <sup>2</sup>	31.50 kg
		8.5mm	Polished	-	Bla	8 Tiles	1.44 m <sup>2</sup>	30.50 kg

**Note:** Class Bla: Un-glazed Porcelain Tiles. For more information please see the suitability advice given in the technical section. All sizes indicated are metric modular. All sizes shown are nominal. For the most up-to-date size, colour and finish availability, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com).



Pebble Polished 600x600x8.5mm - ZIN02P



## Technical, Sustainability & Important Information

### Specification

Range	Finish	Wall Suitability	Floor Suitability	Wet Barefoot	CSV	Material / Class
Zion	Natural	Internal & External	Internal Only	-	V2	Un-glazed Porcelain [Bla]
	Polished	Internal & External	Internal Only	-	V2	Un-glazed Porcelain [Bla]

### Floor Values

Finish	Colour	PTV (4S)	PTV (TRL)	R Value	Wet Ramp	PEI	Traffic
Natural	All Colours	Dry 36+ Wet 36+	-	R10	-	-	Commercial
Polished	All Colours	Dry 36+ Wet 0 - 24	-	-	-	-	Commercial

### Physical Properties

Test & Standard	Requirement	Test Result	Test & Standard	Requirement	Test Result
<b>Length / Width</b> EN ISO 10545 - 2	$\pm 0.6\% \leq \pm 2\text{mm}$	$\pm 0.1\%$	<b>Modulus of Rupture</b> EN ISO 10545 - 4	Min. 35N / mm <sup>2</sup>	$\geq 40\text{N} / \text{mm}^2$
<b>Thickness</b> EN ISO 10545 - 2	$\pm 5\% \leq \pm 0.5\text{mm}$	$\pm 4\%$	<b>Thermal Shock</b> EN ISO 10545 - 9	Pass	Pass
<b>Straightness of Side</b> EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	$\pm 0.1\%$	<b>Frost Resistance</b> EN ISO 10545 - 12	Resistant	Resistant
<b>Rectangularity</b> EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.25\%$	<b>Chemical Resistance</b> EN ISO 10545 - 13	Declared Value	Class A
<b>Surface Flatness</b> EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	$\pm 0.25\%$	<b>Stain Resistance</b> EN ISO 10545 - 14	Declared Value	Class 5
<b>Water Absorption</b> EN ISO 10545 - 3	$\leq 0.5\%$	$\leq 0.1\%$	<b>Fire Rating</b>	-	Class A I FL Non Combustible
<b>Weight / M<sup>2</sup></b>	<b>21.19 kg</b> 8.5mm thick	<b>21.88 kg</b> 9.2mm thick			

### Sustainability Information

Range	Material / Class	EPD	Recycled Content of the Tiles	Recycled Content of the Packaging	Recyclable Content of the Packaging
Zion	Un-glazed Porcelain [Bla]	Yes	-	Up to 100% (Boxes)	Up to 100%

**Note:** Due to the manufacturing process of all floor tiles there may be small variations in slip resistance. Given this, please refer to our website for the most up-to-date information. The slip resistance properties of a surface can only be maintained with the implementation of an effective regular cleaning and maintenance regime. The frequency of cleaning should be determined by the property manager based on the potential level of surface contaminants. The need for an additional regular cleaning and maintenance regime is further heightened when tiles are used for external floor and wet barefoot applications.

Please contact our technical helpline for specification and installation advice. All un-glazed porcelain [Bla] products shown in this range overview conform to BS EN 14411. CSV: Colour Shade Variation. PTV (4S): Pendulum Test Value - Slider 96. PTV (TRL): Pendulum Test Value - Slider 55. R Value (DIN 51130). Wet Ramp (DIN 51097).

PEI: Porcelain Enamel Institute. EPD: Environmental Product Declaration. For a full company sustainability overview please visit [www.johnson-tiles.com/about/sustainability](http://www.johnson-tiles.com/about/sustainability).

### Important Information

During the manufacturing process of ceramic and porcelain tiles, some variation in shade and pattern can occur. Before fixing any tiles, several boxes should be opened and their contents mixed to ensure that size, colour, shade and patterning are acceptable. The tiles shown are quality products and conform to the physical properties listed. For a comprehensive colour, size and finish overview along with full technical and sustainability information for all of the product shown in this product presenter, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com).

- All sizes shown are metric modular.
- For specific suitability details please contact our technical department.
- Johnson Tiles cannot accept responsibility for tiles that have been fixed.
- Every effort has been made to ensure the accuracy of the information given.
- Johnson Tiles reserves the right to change specification and availability information without prior notice.
- Nothing in these statements does/will affect the statutory rights of the consumer.

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All product technical values quoted in this product presenter are supported by laboratory testing from our own and independent ceramic test houses. Johnson Tiles are British Standard registered and all products conform to the standards set in BS EN 14411.

For the reassurance of single-source supply, Johnson Tiles offers a free of charge NBS M40 specification writing service featuring the Norcros Adhesives range of tile fixing products. To find out more or for any questions or queries relating to any tile related technical information featured in this product presenter, please contact our technical advice helpline on +44 (0)1782 524 111 or email [ddunlop@johnson-tiles.com](mailto:ddunlop@johnson-tiles.com)

The colours shown in this sample tile wallet and attached booklet are as accurate as printing processes will allow. Please refer to actual product samples before specifying. Every effort has been made to ensure the accuracy of the information given.

For more information about **Zion** or any of our other product ranges simply visit

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

#### Where To Find & Contact Us

##### Johnson Tiles Head Office

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##### Material Lab Studio

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Email: [info@material-lab.co.uk](mailto:info@material-lab.co.uk)  
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##### Johnson Tiles Factory Outlet

Tel: +44 (0)1782 524 040  
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##### Customer Services

Tel: +44 (0)1782 524 000  
Email: [sales@johnson-tiles.com](mailto:sales@johnson-tiles.com)

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##### Order A Sample

Tel: +44 (0)1782 524 043  
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##### Technical Advice

Tel: +44 (0)1782 524 111  
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Launched: May 2023

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

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