

# ESSENTIAL

GLAZED PORCELAIN | FLOOR & WALL TILES

CONCRETE

SELECT



JOHNSON • TILES 

MADE IN THE UK SINCE 1901

# ESSENTIAL



5 SIZES



5 COLOURS



1 FINISH

Essential is a porcelain floor and wall tile collection featuring six mid to large format sizes. This realistic stone effect range features organic movement layered across an architectural colour palette of five stunning shades for understated simplicity. Neutral tones combine with a surface effect inspired by the trend for urban living to provide a contemporary finish, ideal for modern interiors.



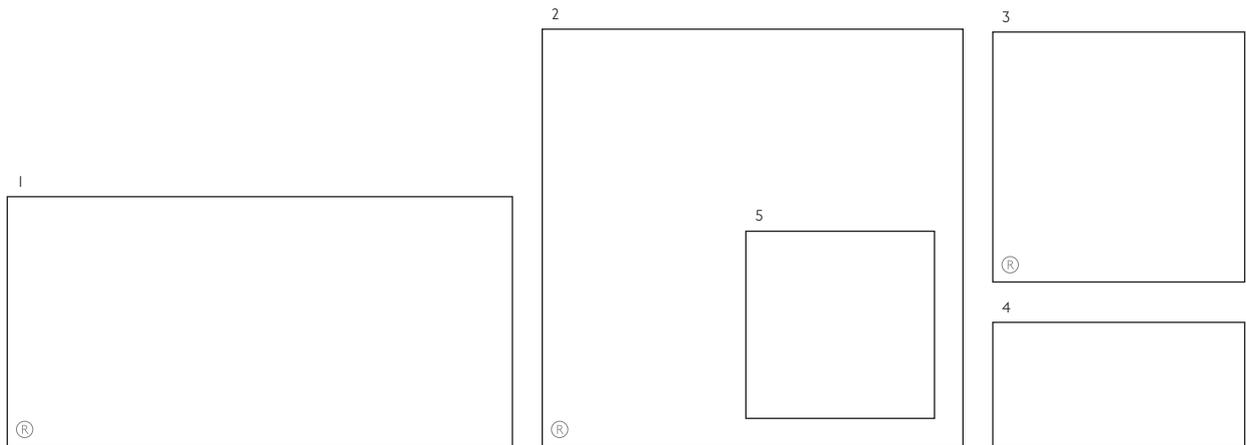


Ivory Natural 600x300x8.7mm - ESS01N  
Pebble Natural 990x990x10mm - ESS04N



## Size Formats

### Sizing & Packing Information



#	Size	Thickness	Finish	Structure	Colour Availability	Pcs / Box	M <sup>2</sup> / Box	Kg / Box
1	1200x590mm	10mm	(N) Natural	-	All Colours	2 Tiles	1.44m <sup>2</sup>	30.00kg
2	990x990mm	10mm	(N) Natural	-	All Colours	2 Tiles	2.00m <sup>2</sup>	44.17kg
3	590x590mm	9.5mm	(N) Natural	-	All Colours	4 Tiles	1.44m <sup>2</sup>	28.47kg
4	600x300mm	8.7mm	(N) Natural	-	All Colours	7 Tiles	1.26m <sup>2</sup>	22.92kg
5	450x450mm	8.5mm	(N) Natural	-	All Colours	7 Tiles	1.42m <sup>2</sup>	25.10kg

**Note:** All sizes indicated are metric modular. All sizes shown are nominal. (R) Rectified Edge.  
For the most up-to-date product availability information for this range, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com)





## Colours & Product Codes

V3: Moderate to High Shade Variation

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**IVORY** (LRV: 64) (PEI: IV)

Product Codes: (N) ESS01N



**BEIGE** (LRV: 53) (PEI: IV)

Product Codes: (N) ESS02N



**SILVER** (LRV: 42) (PEI: IV)

Product Codes: (N) ESS03N



## Colours & Product Codes

V3: Moderate to High Shade Variation



**PEBBLE** LRV: 22 PEI: IV

Product Codes: **N** ESS04N



**CHARCOAL** LRV: 16 PEI: III

Product Codes: **N** ESS05N



Silver Natural 1200x590x10mm - ESS03N



## Technical, Sustainability & Important Information

### Specification

Range	Finish	Wall Suitability	Floor Suitability	Wet Barefoot	CSV	Material
Essential	Natural	Internal & External	Internal Only	-	V3	Glazed Porcelain (Bla)

### Floor Values

Finish	Structure	Colour	PTV (4S)	PTV (TRL)	R Value	Wet Ramp	PEI	Traffic
Natural	-	Charcoal	Dry 36+ Wet 36+	-	R10	C	III	Light Commercial
	-	All Other Colours	Dry 36+ Wet 36+	-	R10	C	IV	Commercial

### Physical Properties - Glazed Porcelain (Bla)

Test & Standard	Requirement	Test Result	Test & Standard	Requirement	Test Result
Length / Width EN ISO 10545 - 2	$\pm 0.6\% \leq \pm 2\text{mm}$	Pass	Modulus of Rupture EN ISO 10545 - 4	Min. 35N / mm <sup>2</sup>	Pass
Thickness EN ISO 10545 - 2	$\pm 5\% \leq \pm 0.5\text{mm}$	Pass	Thermal Shock EN ISO 10545 - 9	Pass	Pass
Straightness of Side EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 1.5\text{mm}$	Pass	Frost Resistance EN ISO 10545 - 12	Resistant	Resistant
Rectangularity EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Chemical Resistance EN ISO 10545 - 13	Min. Class B	Min. Class B
Surface Flatness EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Stain Resistance EN ISO 10545 - 14	Min. Class 3	Min. Class 3
Water Absorption EN ISO 10545 - 3	$\leq 0.5\%$	Pass	Fire Rating	-	Class A1 FL Non Combustible
Weight / M <sup>2</sup>	20.84kg 7.8mm thick				

**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, or visit our website for specification and installation advice. All glazed porcelain (Bla) products listed 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.

### 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 Essential or any of our other product ranges simply visit

[www.johnson-tiles.com](http://www.johnson-tiles.com) | [f](#) [t](#) [i](#) [p](#) [in](#) [v](#)

#### Where To Find & Contact Us

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##### Customer Services

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##### Order A Sample

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##### Technical Advice

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