

# DARLINGTON

GLAZED CERAMIC & PORCELAIN | WALL & FLOOR TILES

MARBLE PATTERN SELECT



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

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Est. 1901  
**JOHNSON  
TILES**

# DARLINGTON



4 COLOURS



3 SIZES



3 FINISHES

Taking inspiration from marble and introducing a contemporary twist. Darlington captures classic vein details across an on-trend colour palette of three neutral colour-ways - Pearl, Stone and Pewter. Add character and interest to any interior wall application with two size-formats - 450x250mm available in a satin finish and a gloss finish 592x295mm option. Why not try introducing the geometric patchwork décor design for an eclectic aesthetic with modern vibes. Co-ordinating porcelain floor options are available in all colours to round off the design look and complete the installation.





Pewter Satin 450x250x7.5mm - DARL3A



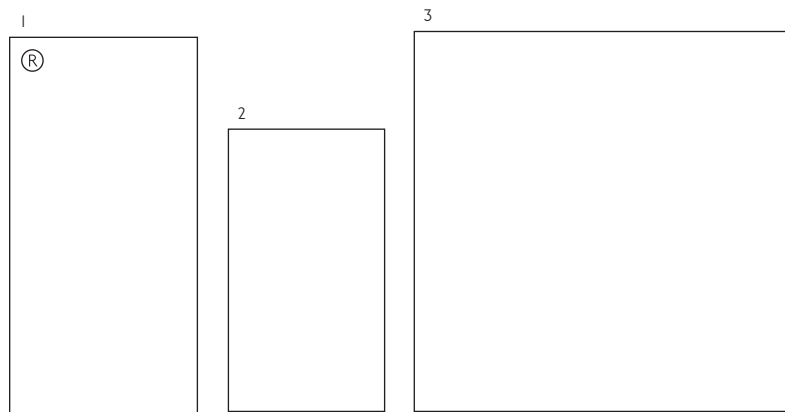
Pearl Gloss 592x295x9.5mm - DARL1A






Stone Satin 450x250x7.5mm - DARL2A  
Darwin Clay Matt 450x450x9mm - DRWN1F



## Size Formats Sizing & Packing Information



#	Size	Thickness	Finish	Structure	Availability	Class	Pcs / Box	M2 / Box	Kg / Box
1	592x295mm	9.5mm	 Gloss	-	DARLIA / 2A / 1D	BIII	6 Tiles	1.05 m <sup>2</sup>	15.90 kg
2	450x250mm	7.5mm	 Satin	-	DARLIA / 2A / 3A	BIII	13 Tiles	1.46 m <sup>2</sup>	18.40 kg
3	605x605mm	9.5mm	 Grip	-	DARLIF / 2F / 3F	Bla	4 Tiles	1.46 m <sup>2</sup>	31.00 kg

**Note:** Glazed Ceramic / BIII and Glazed Porcelain / Bla 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). (R) Rectified Edge.



Pewter Satin 450x250x7.5mm - DARL3A



## Colours & Product Codes

V2: Low to Moderate Shade Variation

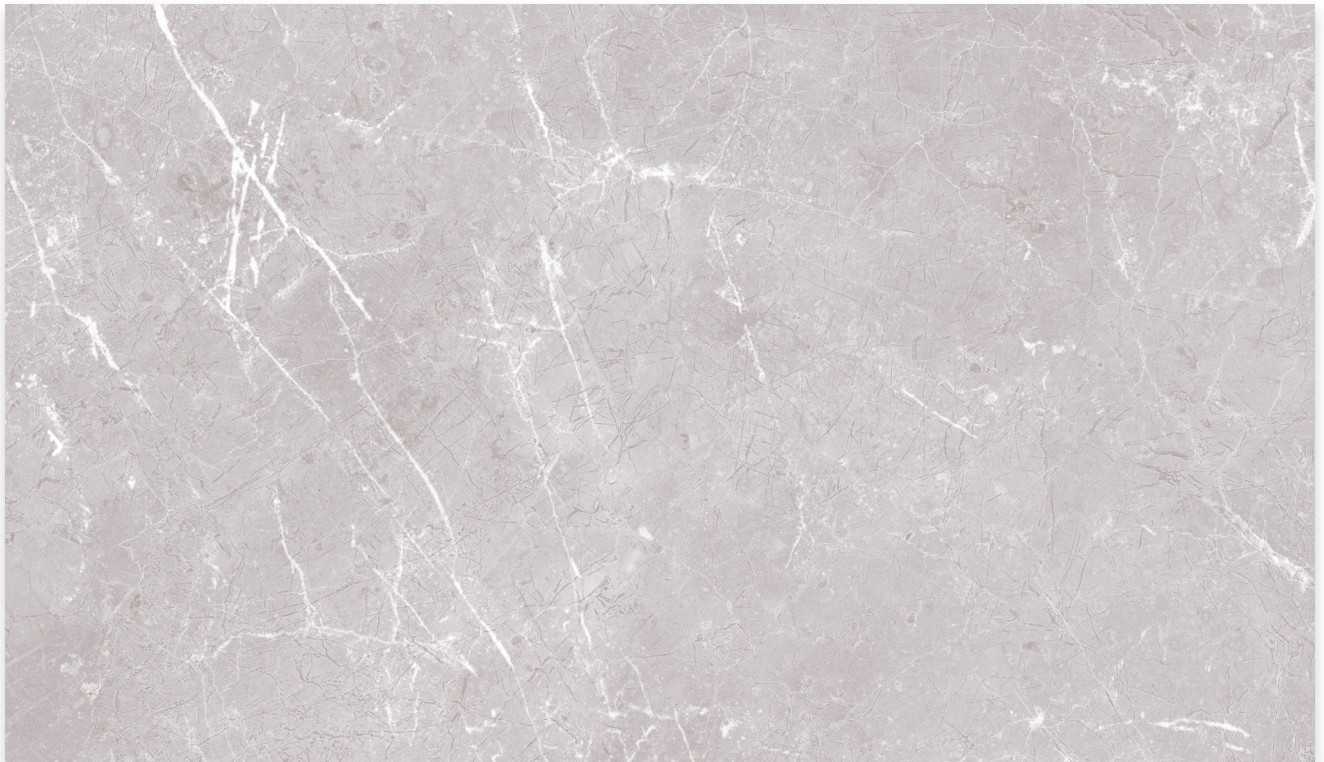
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### PEARL LRV: 73 PEI: III

Product Code - 592x295mm [BIII]: G DARL1A | Product Code - 450x250mm [BIII]: S DARL1A

Product Code - 605x605mm [Bla]: R DARL1F



### STONE LRV: 54 PEI: II

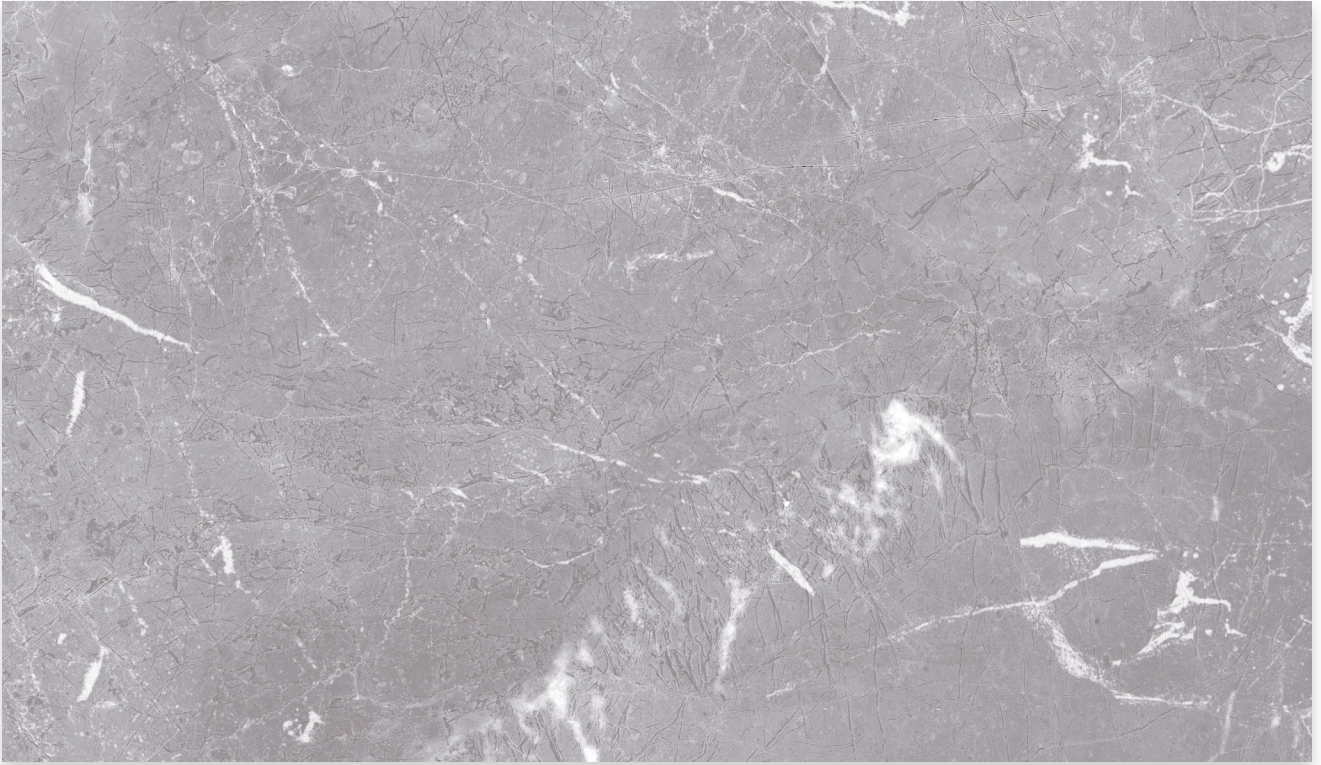
Product Code - 592x295mm [BIII]: G DARL2A | Product Code - 450x250mm [BIII]: S DARL2A

Product Code - 605x605mm [Bla]: R DARL2F



## Colours & Product Codes

V2: Low to Moderate Shade Variation



### PEWTER LRV: 38 PEI: II

Product Code - 450x250mm [BIII]: S DARL3A

Product Code - 605x605mm [BIa]: R DARL3F



### PATCHWORK DÉCOR

Product Code - 592x295mm [BIII]: G DARL1D

**Note:** Darlington Patchwork Décor has six different face designs, all designs are randomly mixed within each box.



## Technical, Sustainability & Important Information

### Specification

Range	Finish	Wall Suitability	Floor Suitability	Wet Barefoot	CSV	Material / Class
Darlington	Gloss	Internal Only	-	-	V2	Glazed Ceramic [BIII]
	Satin	Internal Only	-	-	V2	Glazed Ceramic [BIII]
	Grip	Internal & External	Internal & External	Yes	V2	Glazed Porcelain [BIa]

### Floor Values

Finish	Colour	Structure	PTV (4S)	PTV (TRL)	R Value	Wet Ramp	PEI	Traffic
Grip	Pearl	-	Dry 36+ Wet 36+	Wet 36+	-	-	III	Light Commercial
	All Other Colours	-	Dry 36+ Wet 36+	Wet 36+	-	-	II	Domestic

### Physical Properties - Glazed Ceramic [BIII]

Test & Standard	Requirement	Test Result	Test & Standard	Requirement	Test Result
Length / Width EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Modulus of Rupture EN ISO 10545 - 4	Min. 15N / mm <sup>2</sup>	Pass
Thickness EN ISO 10545 - 2	$\pm 10\% \leq \pm 0.5\text{mm}$	Pass	Thermal Shock EN ISO 10545 - 9	Pass	Pass
Straightness of Side EN ISO 10545 - 2	$\pm 0.3\% \leq \pm 1.5\text{mm}$	Pass	Frost Resistance EN ISO 10545 - 12	-	Not Suitable
Rectangularity EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Chemical Resistance EN ISO 10545 - 13	Min. Class B	Pass
Surface Flatness EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Stain Resistance EN ISO 10545 - 14	Min. Class 3	Pass
Water Absorption EN ISO 10545 - 3	10% to 20%	Pass	Fire Rating	-	Class A1 Non Combustible
Weight / M <sup>2</sup>	15.17 kg 9.5mm thick	10.26 kg 7.5mm thick			

### Physical Properties - Glazed Porcelain [BIa]

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>	$\geq 35\text{N} / \text{mm}^2$
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	$\pm 0.35\% \leq \pm 1.5\text{mm}$	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	Pass
Surface Flatness EN ISO 10545 - 2	$\pm 0.5\% \leq \pm 2\text{mm}$	Pass	Stain Resistance EN ISO 10545 - 14	Min. Class 3	Class 3
Water Absorption EN ISO 10545 - 3	$\leq 0.5\%$	$\leq 0.1\%$	Fire Rating	-	Class A1 FL Non Combustible
Weight / M <sup>2</sup>	23.17 kg 9.5mm thick				

### Sustainability Information

Range	Material / Class	EPD	Recycled Content of the Tiles	Recycled Content of the Packaging	Recyclable Content of the Packaging
Darlington	Glazed Ceramic [BIII]	Yes	Up to 17%	Up to 100%	Up to 100%
	Glazed Porcelain [BIa]	Yes	-	Up to 100% (Boxes)	Up to 100% (Boxes)

**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 glazed ceramic [BIII] and glazed porcelain [BIa] 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.

For a full overview of our environmental credentials please visit [www.johnson-tiles.com/about/sustainability](http://www.johnson-tiles.com/about/sustainability). EPD: Environmental Product Declaration.



## Technical, Sustainability & Important Information

### 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 and patterning are acceptable.

The tiles shown in this literature are quality products and conform to BS EN 14411 as shown in the physical properties listed above.

For a comprehensive colour, size, finish and availability overview along with full technical and sustainability information for all products shown, please visit our website - [www.johnson-tiles.com](http://www.johnson-tiles.com)

- All sizes listed are metric modular.
- For specific suitability details, please contact our technical advice helpline or use the email address provided.
- Johnson Tiles Limited cannot accept responsibility for any tiles that have already been fixed.
- Johnson Tiles Limited reserves the right to change specification and availability information without prior notice.
- Nothing in these statements does or will affect the statutory rights of the consumer.

All product technical values quoted in this literature are supported by laboratory testing from our own and independent ceramic test houses. Johnson Tiles Limited are British Standard registered. To find out more, please contact our technical advice helpline on +44 (0)1782 524 111 or email: [technical@johnson-tiles.com](mailto:technical@johnson-tiles.com).



Pearl Gloss 592x295x9.5mm - DARL I A  
Patchwork Décor Gloss 592x295x9.5mm - DARL I D  
Pearl Grip 605x605x9.5mm - DARL I F



## WHERE TO FIND US

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

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

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### Customer Services

Tel: +44 (0)1782 524 000  
Email: [sales@johnson-tiles.com](mailto:sales@johnson-tiles.com)  
8:30am - 4:30pm (Monday - Friday)

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### Order A Sample

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

Tel: +44 (0)1782 524 111  
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