

BOUNDARY

GLAZED PORCELAIN | FLOOR & WALL TILES

STONE EFFECT TILES

[SELECT](#)



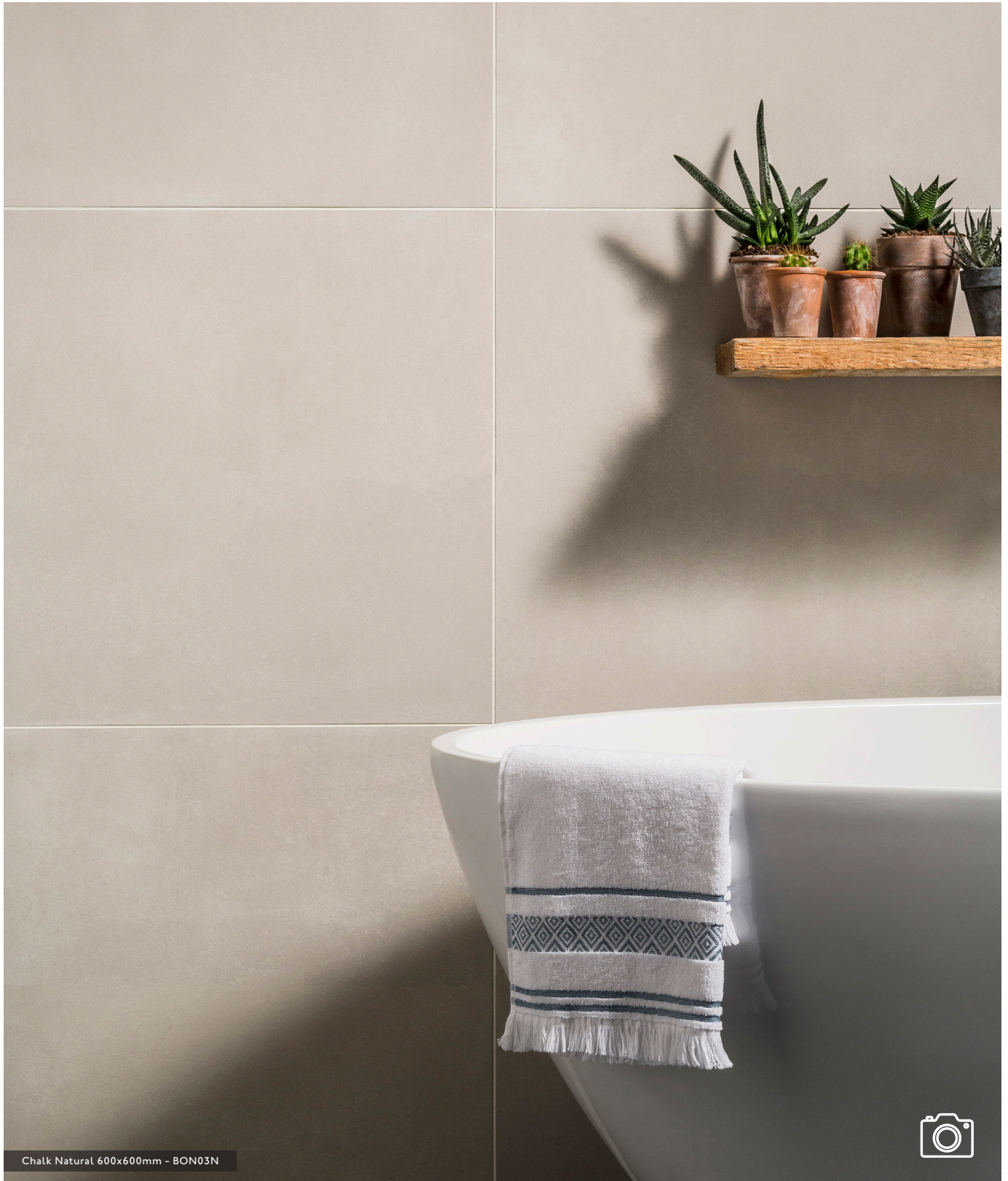
JOHNSON • TILES 

MADE IN THE UK SINCE 1901

BOUNDARY

Boundary combines form and function with five muted tones and three finishes – Natural, 2cm Natural+ and Lapato. Natural is minimalist in its luxury; Natural+ 2cm provides a PTV 36+ slip resistance rating, ideal for commercial applications; and Lapato adds a semi-polished shine. Try in warm Earthtones or rich Storm for added impact

Front Cover Image: Castlerock Natural 600x300mm – BON04N





Roomset Photography





Colours & Product Codes

V2: Low to Moderate Shade Variation



EARTHTONES

(N) BON01N + (L) BON01L + (E) BON01E
PEI: III LRV: 18



DUNE

(N) BON02N + (L) BON02L + (E) BON02E
PEI: IV LRV: 40



CHALK

(N) BON03N + (L) BON03L
PEI: IV LRV: 55



CASTLEROCK

(N) BON04N + (L) BON04L + (E) BON04E
PEI: IV LRV: 24

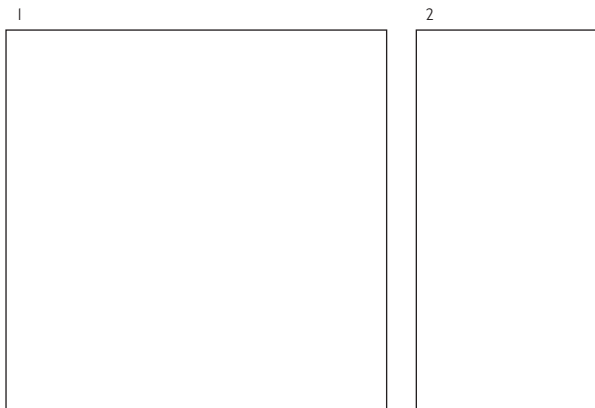


STORM

(N) BON05N + (L) BON05L + (E) BON05E
PEI: III LRV: 11



Sizes, Finishes & Availability



| # | Size | Finish | Colour Availability | Thickness | Pieces/Box | Coverage/Box | Weight/Box |
|---|-----------|--------------|--------------------------------------|-----------|------------|---------------------|------------|
| 1 | 600x600mm | Natural | All Colours Shown | 9mm | 4 Tiles | 1.44 m ² | 28.00 kg |
| | | Lapato | All Colours Shown | 9mm | 4 Tiles | 1.44 m ² | 28.00 kg |
| | | Natural+ 2cm | Earthtones, Dune, Castlerock & Storm | 20mm | 2 Tiles | 0.72 m ² | 33.44 kg |
| 2 | 600x300mm | Natural | All Colours Shown | 9mm | 8 Tiles | 1.44 m ² | 28.00 kg |
| | | Lapato | All Colours Shown | 9mm | 8 Tiles | 1.44 m ² | 28.00 kg |

Note: All sizes indicated are metric modular. All dimensions are in millimetres. All sizes shown are nominal. For the most up-to-date availability information, please visit our website. All LRV results are from Johnson Tiles' internal test reports and are to be used for guidance only. LRV: Light Reflectance Value.



Dune Natural+ 2cm 600x600mm - BON02E



Technical Data

Specification

| Range | Size | Wall Suitability | Floor Suitability | Wet Barefoot | CSV | Material |
|----------|-----------------|---------------------|---------------------|--------------|-----|------------------------|
| Boundary | All Sizes Shown | Internal & External | Internal Only | - | V2 | Glazed Porcelain [Bla] |
| Boundary | All Sizes Shown | Internal & External | Internal Only | - | V2 | Glazed Porcelain [Bla] |
| Boundary | 600x600x20mm | Internal & External | Internal & External | Yes | V2 | Glazed Porcelain [Bla] |

Floor Values

| Finish | Colour | PTV (4S) | PTV (TRL) | R Value | Wet Ramp | PEI | Traffic |
|--------------|--------------------|---------------------|-----------|---------|----------|-----|------------------|
| Natural | Earthtones & Storm | Dry 36+ Wet 25 - 35 | - | - | - | III | Light Commercial |
| Natural | All Other Colours | Dry 36+ Wet 25 - 35 | - | - | - | IV | Commercial |
| Lapato | Earthtones & Storm | Dry 36+ Wet 0 - 24 | - | - | - | III | Light Commercial |
| Lapato | All Other Colours | Dry 36+ Wet 0 - 24 | - | - | - | IV | Commercial |
| Natural+ 2cm | Earthtones & Storm | Dry 36+ Wet 36+ | 36+ | R11 | - | III | Light Commercial |
| Natural+ 2cm | All Other Colours | Dry 36+ Wet 36+ | 36+ | R11 | - | IV | Commercial |

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. PTV: Pendulum Test Value.

Physical Properties

| 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 ² | 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 | $\pm 0.5\% \leq \pm 1.5\text{mm}$ | $\pm 0.3\%$ | Frost Resistance EN ISO 10545 - 12 | Resistant | Resistant |
| Rectangularity EN ISO 10545 - 2 | $\pm 0.5\% \leq \pm 2\text{mm}$ | $\pm 0.2\%$ | Chemical Resistance EN ISO 10545 - 13 | Min. Class B | Class A |
| Surface Flatness EN ISO 10545 - 2 | $\pm 0.5\% \leq \pm 2\text{mm}$ | $\pm 0.2\%$ | Stain Resistance EN ISO 10545 - 14 | Min. Class 3 | Class 5 |
| Water Absorption EN ISO 10545 - 3 | $\leq 0.5\%$ | $\leq 0.1\%$ | Fire Rating | - | Class A1 Non Combustible |
| Weight / M² | 19.5 kg 9mm thick | 46.31 kg 20mm thick | | | |

Note: All products are classed as Bla - Glazed Porcelain. All products conform to BS EN 14411.

Sustainability Information

| Range | Material | Recycled Content of the Tiles | Recycled Content of the Packaging | Recyclable Content of the Packaging | EPD | SKA Rating |
|----------|------------------------|-------------------------------|-----------------------------------|-------------------------------------|-----|------------|
| Boundary | Glazed Porcelain [Bla] | Up to 10% | Up to 100% (Boxes) | Up to 100% (Boxes) | - | - |

Important Information

During the manufacturing process of ceramic, vitrified 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 below.

- All sizes shown are metric modular.
- For specific suitability and fit-for-purpose details please contact our technical helpline.
- Johnson Tiles cannot accept responsibility for any 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 specifications and availability without prior notice.
- Nothing in these statements does or will affect the statutory rights of the consumer.

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For more information about Boundary or
any of our other product ranges simply visit
www.johnson-tiles.com |      

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