

BUCKINGHAM

PORCELAIN & CERAMIC | FLOOR & WALL TILES

MARBLE

2CM

MOSAICS

ABSOLUTE



JOHNSON • TILES 

MADE IN THE UK SINCE 1901

BUCKINGHAM

Inspired by the character of marble, and with highlights of striking veins adding subtle, understated detail, Buckingham provides a modern, sophisticated aesthetic. Available in sizes from 600x300mm up to 2700x1200mm, Buckingham showcases a timeless colour palette from the luxurious warmth of Sand to the richness of Anthracite. This commercial collection offers finishes of Soft Bush Hammered, Hammered, Grip, and Grip+ 2cm, with co-ordinating mosaics and skirtings also included.

*Front Cover Image: Anthracite Soft Bush Hammered 2700x900mm Ductile - BUC4DB
and Anthracite Soft Bush Hammered 1200x1200mm - BUCK4B.*



Sand Soft Bush Hammered 2700x900mm Ductile - BUC5DB





Light Grey Soft Bush Hammered 600x600mm - BUCK2B



Anthracite Soft Bush Hammered 1200x600mm - BUCK4B



Grey Soft Bush Hammered 2700x900mm Ductile - BUC3DB



Colours & Product Codes

V2: Low to Moderate Shade Variation



SAND LRV. 45

Product Codes (All Sizes): **B** BUCK5B + **E** BUC5DB Ductile + **G** BUCK5G

Mosaic Product Codes (All Sizes): **B** BUC5BM + **G** BUC5GM



LIGHT GREY LRV. 55

Product Codes (All Sizes): **B** BUCK2B + **E** BUC2DB Ductile + **G** BUCK2G + **E** BUCK2E 2cm

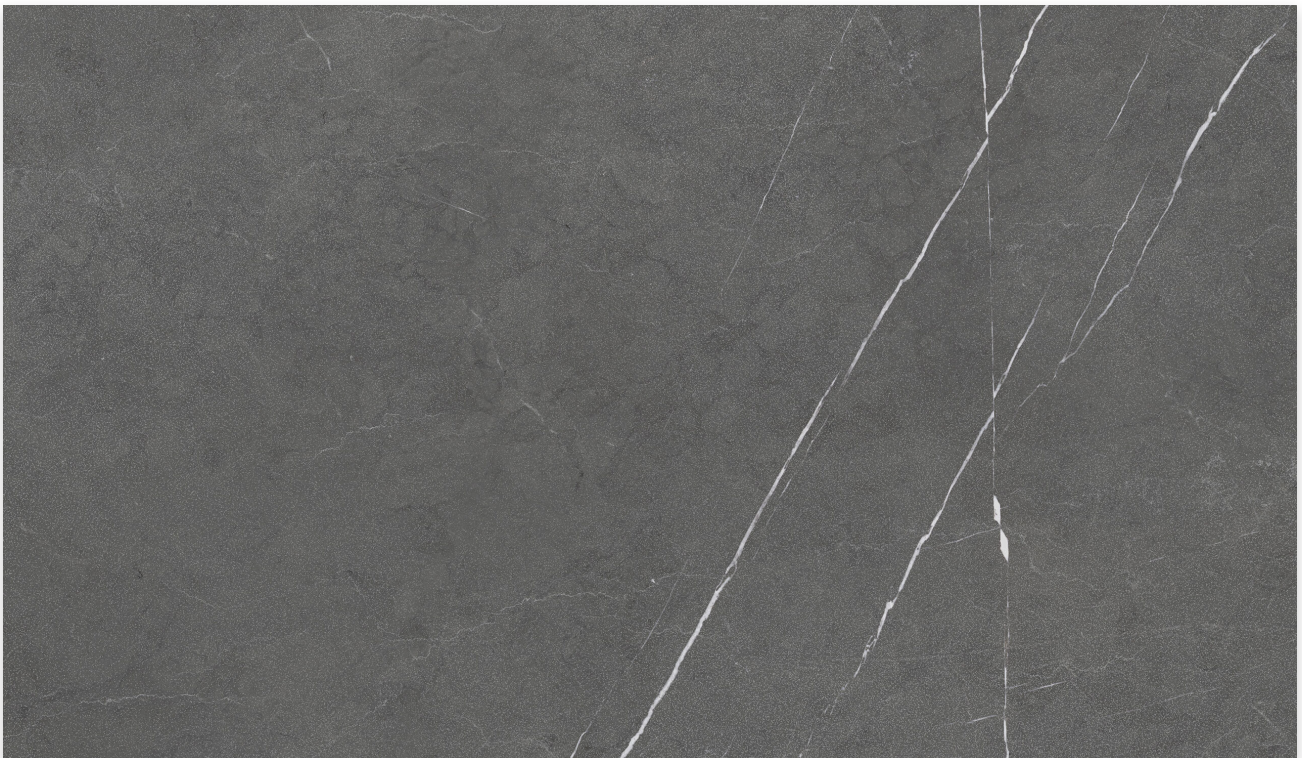
Mosaic Product Codes (All Sizes): **B** BUC2BM + **G** BUC2GM



GREY LRV: 29

Product Codes (All Sizes): **B** BUCK3B + **B** BUC3DB Ductile + **G** BUCK3G

Mosaic Product Codes (All Sizes): **B** BUC3BM + **G** BUC3GM



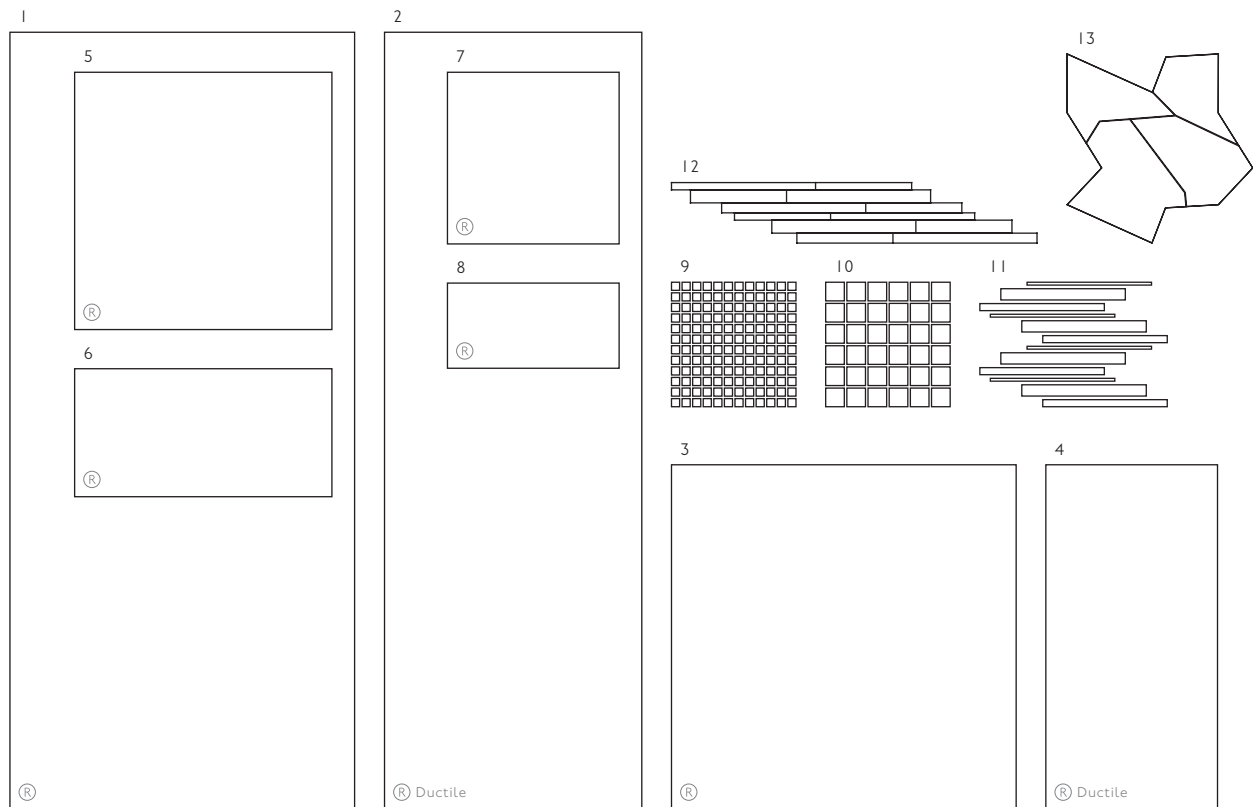
ANTHRACITE LRV: 15

Product Codes (All Sizes): **B** BUCK4B + **B** BUC4DB Ductile + **G** BUCK4G

Mosaic Product Codes (All Sizes): **B** BUC4BM + **G** BUC4GM



Size Formats Finishes & Availability



| # | Sizes | Finish Type | Colour Availability | Thickness | Pz / Box | M2 / Box | Kg / Box |
|---|-------------|------------------|---------------------|-----------|----------|---------------------|----------|
| 1 | 2700x1200mm | B Only | All Colours Shown | 6mm | 1 Tile | 3.23 m ² | 45.50 kg |
| 2 | 2700x900mm | B Ductile | All Colours Shown | 6mm | 1 Tile | 2.42 m ² | 29.04 kg |
| 3 | 1200x1200mm | B + G | All Colours Shown | 9mm | 1 Tile | 1.44 m ² | 30.50 kg |
| | | E 2cm | 02 Only | 20mm | 1 Tile | 1.44 m ² | 66.02 kg |
| 4 | 1200x600mm | B + G | All Colours Shown | 9mm | 2 Tiles | 1.43 m ² | 30.32 kg |
| | | B Ductile | All Colours Shown | 6mm | 3 Tiles | 2.16 m ² | 25.80 kg |
| 5 | 900x900mm | B + G | All Colours Shown | 9mm | 2 Tiles | 1.62 m ² | 34.00 kg |
| | | E 2cm | 02 Only | 20mm | 1 Tile | 0.81 m ² | 37.09 kg |
| 6 | 900x450mm | B + G | All Colours Shown | 9mm | 3 Tiles | 1.21 m ² | 25.50 kg |
| 7 | 600x600mm | B + G | All Colours Shown | 9mm | 3 Tiles | 1.07 m ² | 23.22 kg |
| 8 | 600x300mm | B + G | All Colours Shown | 9mm | 6 Tiles | 1.07 m ² | 22.00 kg |

| # | Mosaics | Finish Type | Colour Availability | Thickness | Pz / Box | M2 / Box | Kg / Box |
|----|--|--------------|---------------------|-----------|----------|---------------------|----------|
| 9 | 25x25mm Square Mosaic Sheet: 300x300mm | B + G | All Colours Shown | 9mm | 5 Sheets | 0.44 m ² | 9.00 kg |
| 10 | 50x50mm Square Mosaic Sheet: 300x300mm | B + G | All Colours Shown | 9mm | 5 Sheets | 0.44 m ² | 9.00 kg |
| 11 | Mixed Strips Mosaic Sheet: 450x300mm | B + G | All Colours Shown | 9mm | 5 Sheets | 0.44 m ² | 9.00 kg |
| 12 | 3D Strips Mosaic Sheet: 900x150mm | B + G | All Colours Shown | 9mm | 4 Sheets | 0.35 m ² | 7.50 kg |
| 13 | Deco Mosaic Sheet: 600x600mm | B + G | All Colours Shown | 9mm | 3 Sheets | 0.89 m ² | 19.00 kg |

Key to Finishes: **B** Soft Bush Hammered **G** Grip **E** Grip+ 2cm

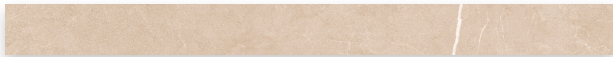
Note: All sizes indicated are metric modular. All dimensions are in millimetres. All sizes shown are nominal. For the most up-to-date availability information, please visit our website.

All LRV results are from Johnson Tiles' internal test reports and are to be used for guidance only. LRV: Light Reflectance Value. **R** Rectified Edge

Ductile - 6mm thick tiles are classed as Ceramic [BIII] and are suitable for internal and external wall applications only.

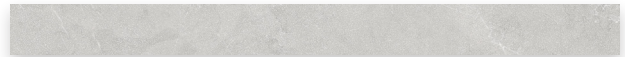


Additional Fittings Finishes & Availability



SAND LRV: 45

Skirting Product Code (All Sizes): **B** BUC5BS



LIGHT GREY LRV: 55

Skirting Product Code (All Sizes): **B** BUC2BS



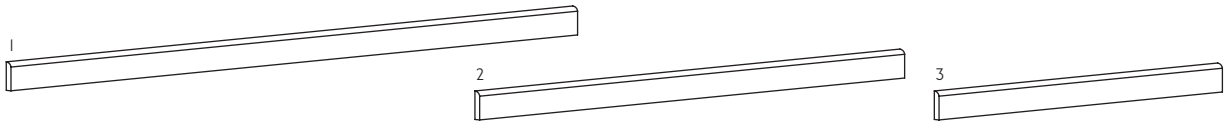
GREY LRV: 29

Skirting Product Code (All Sizes): **B** BUC3BS



ANTHRACITE LRV: 15

Skirting Product Code (All Sizes): **B** BUC4BS



| # | Fittings | Finish Type | Colour Availability | Thickness | Pz / Box | Lm / Box | Kg / Box |
|---|---------------------------------|---------------|---------------------|-----------|----------|----------|----------|
| 1 | 1200x50mm Bevel Top Skirting | B Only | All Colours Shown | 9mm | 5 Tiles | 6.00 lm | 7.00 kg |
| 2 | 900x50mm Bevel Top Skirting | B Only | All Colours Shown | 9mm | 5 Tiles | 4.50 lm | 5.50 kg |
| 3 | 600x50mm Bevel Top Skirting | B Only | All Colours Shown | 9mm | 5 Tiles | 3.00 lm | 3.00 kg |

Key to Finishes: **B** Soft Bush Hammered

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.



Sand Soft Bush Hammered 600x600mm - BUCK5B





Technical Information

Specification

| Range | Size / Finish | Wall Suitability | Floor Suitability | Wet Barefoot | CSV | Material |
|--------------------|--------------------------|---------------------|---------------------|--------------|-----|-----------------|
| Buckingham | All Sizes Shown B | Internal & External | Internal Only | - | V2 | Porcelain [Bla] |
| | All Sizes Shown C | Internal & External | Internal & External | Yes | V2 | Porcelain [Bla] |
| | All Sizes Shown E | Internal & External | Internal & External | Yes | V2 | Porcelain [Bla] |
| Buckingham Ductile | All Sizes Shown B | Internal Only | - | - | V2 | Ceramic [BIII] |

Floor Values

| Finish | Colour | PTV (4S) | PTV (TRL) | R Value | Wet Ramp | PEI | Traffic |
|-----------------------------|-------------------|---------------------|-----------|---------|----------|-----|------------|
| B Soft Bush Hammered | All Colours Shown | Dry 36+ Wet 25 - 35 | - | R9 | A | - | Commercial |
| C Grip | All Colours Shown | Dry 36+ Wet 36+ | Wet 36+ | R 11 | C | - | Commercial |
| E Grip+ 2cm | All Colours Shown | Dry 36+ Wet 36+ | Wet 36+ | R 11 | C | - | 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. 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.

Physical Properties - 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 ² | $\geq 52\text{N} / \text{mm}^2$ |
| 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 | $\pm 0.5\% \leq \pm 1.5\text{mm}$ | 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 | 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 5 |
| Water Absorption EN ISO 10545 - 3 | $\leq 0.5\%$ | $\leq 0.5\%$ | Fire Rating | - | Class A I n Non Combustible |
| Weight / M ² | 14.09 kg 6mm thick | 21.19 kg 9mm thick | 45.85 kg 20mm thick | | |

Physical Properties - Ceramic [BIII] Ductile

| 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 ² | $\geq 20\text{N} / \text{mm}^2$ |
| 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 | Class A |
| 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 5 |
| Water Absorption EN ISO 10545 - 3 | 10% to 20% | 10% to 20% | Fire Rating | - | Class A I Non Combustible |
| Weight / M ² | 10.68 kg 6mm thick Ductile | | | | |

Note: All Porcelain [Bla] and Ceramic [BIII] Ductile products listed in this overview conform to BS EN 14411.

Sustainability Information

| Range | Material | EPD | Recycled Content of the Tiles | Recycled Content of the Packaging | Recyclable Content of the Packaging |
|--------------------|-----------------|-----|-------------------------------|-----------------------------------|-------------------------------------|
| Buckingham | Porcelain [Bla] | Yes | Up to 30% | Up to 100% (Boxes) | Up to 100% (Boxes) |
| Buckingham Ductile | Ceramic [BIII] | Yes | Up to 30% | Up to 100% (Boxes) | Up to 100% (Boxes) |

Note: EPD: Environmental Product Declaration for the products shown in this overview can be found on the Buckingham pages on our website.

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.

© 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.



Anthracite Soft Bush Hammered 2700x900mm Ductile - BUC4DB



**Product
Notes**

A series of horizontal dashed lines for writing notes.

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

Where To Find Us

Johnson Tiles

Harewood Street,
Tunstall,
Stoke on Trent,
Staffordshire,
ST6 5JZ

Tel: +44 (0)1782 575 575
Fax: +44 (0)1782 577 377
Email: info@johnson-tiles.com

Samples Enquiries

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

Launched: June 2018 Updated: January 2022

JOHNSON • TILES 
MADE IN THE UK SINCE 1901