BUCKINGHAM

PORCELAIN & CERAMIC | FLOOR & WALL TILES

MARBLE 2CM MOSAICS ABSOLUTE

UP TO 30% RECYCLED CONTENT

epd

36+ PTV (4S) RATING

36+ PTV (TRL) RATING

2cm PRODUCTS

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 2700x1 20mm, Buckingham showcases a timeless colour palette from the luxurious warmth of Beige to the richness of Anthracite. This commercial collection offers finishes of Soft Bush 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.

Beige Soft Bush Hammered 2700x900mm Dutile - BUC1DB

Roomset Photography

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

BEIGE LRV: 45

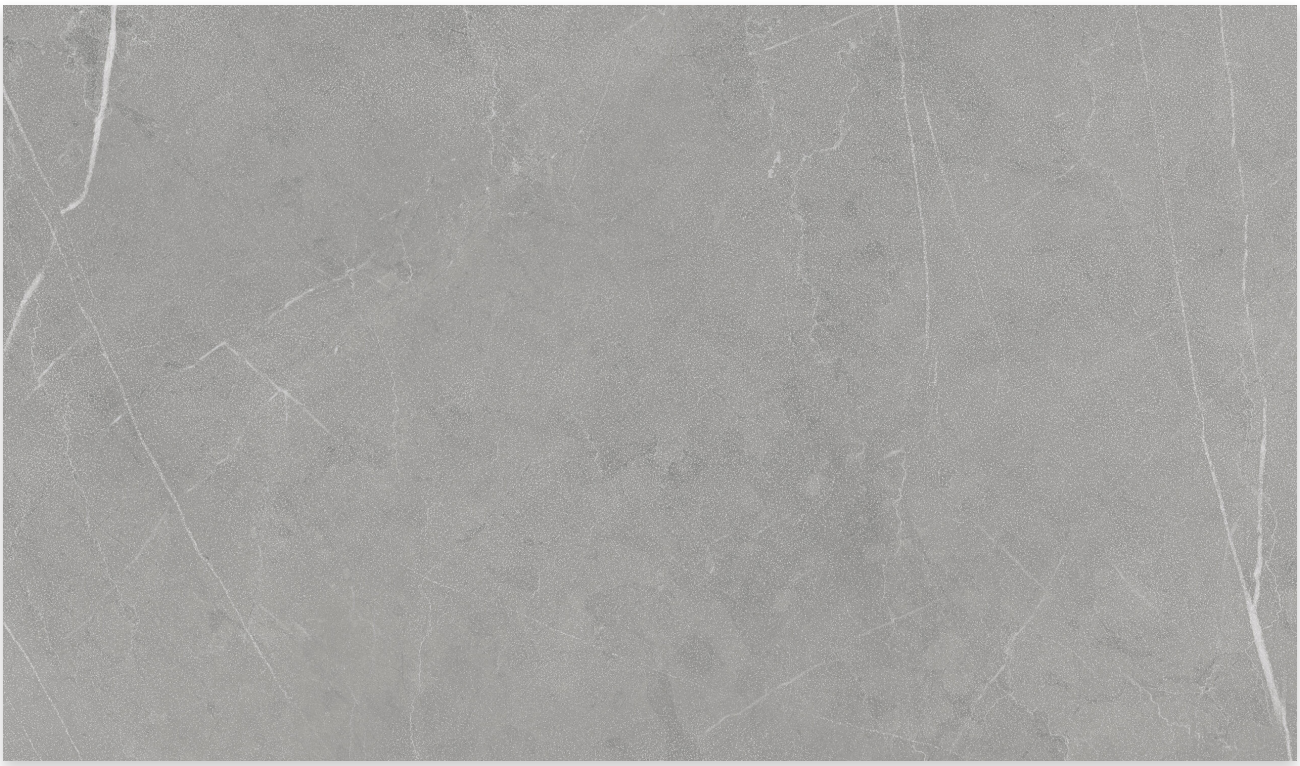
Product Codes (All Sizes): [B] BUCK1B + [B] BUC1DB Ductile + [G] BUCK1G

Mosaic Product Codes (All Sizes): [B] BUC1BM + [G] BUC1GM

LIGHT GREY LRV: 55

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

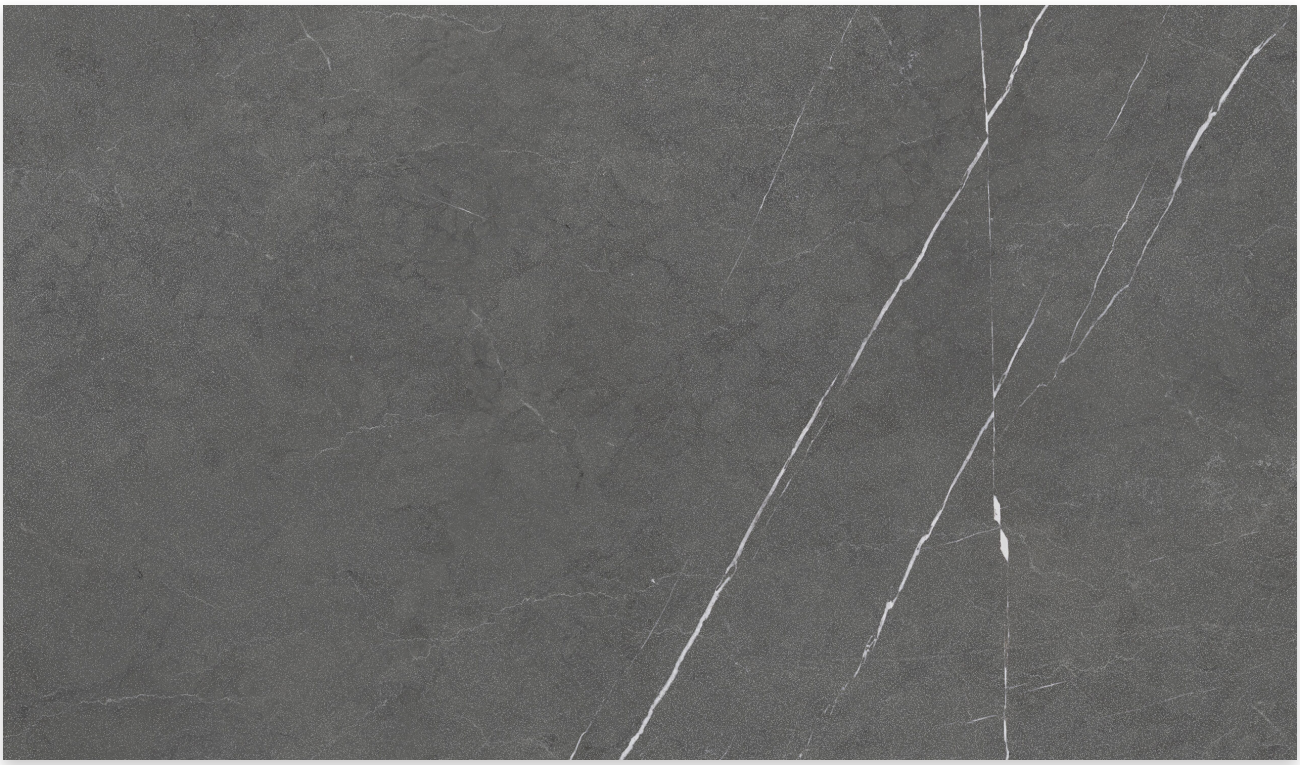
Mosaic Product Codes (All Sizes): [B] BUC2BM + [G] BUC2GM



GREY LRV: 29

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

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

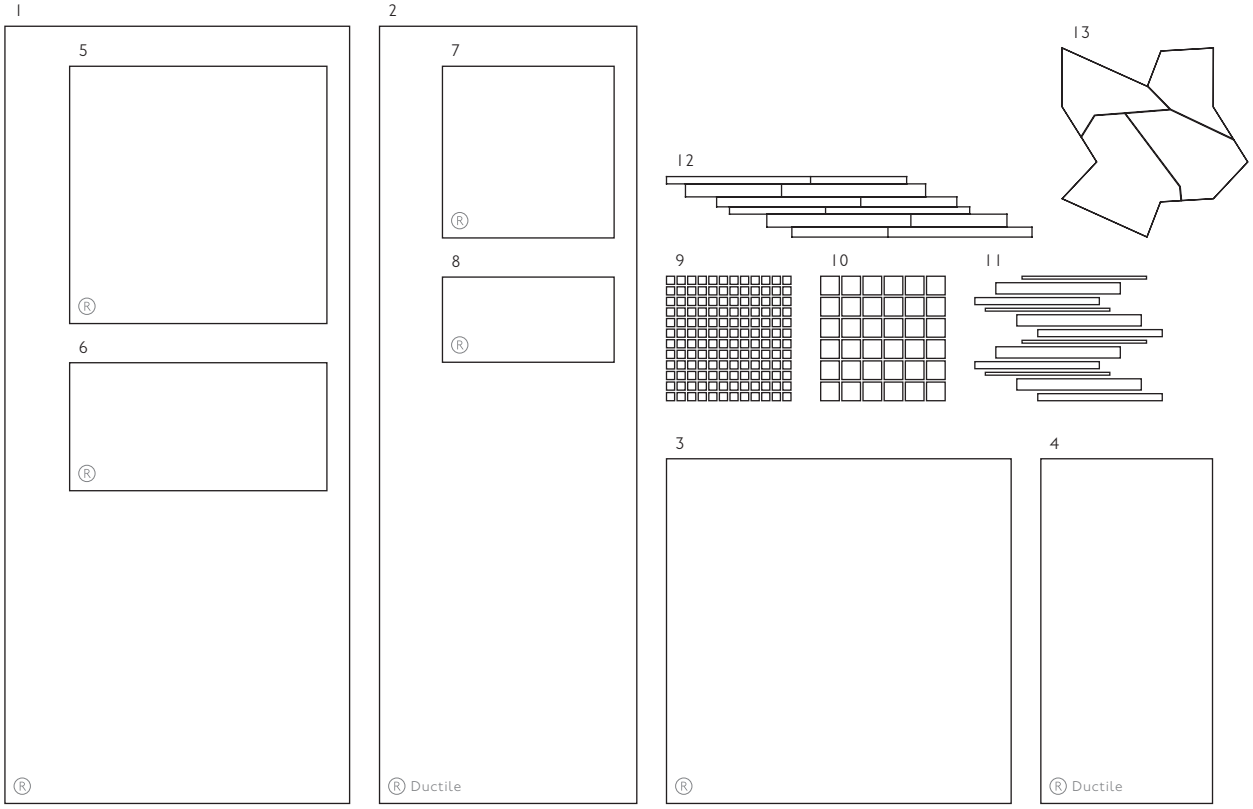


ANTHRACITE LRV: 15

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

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

Size Formats
Finishes & Availability



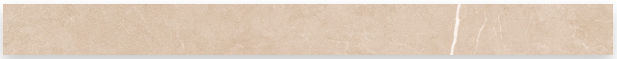
#	Sizes	Finish Type	Colour Availability	Thickness	Pz / Box	M2 / Box	Kg / Box
1	2700x1200mm	Ⓑ Only	All Colours Shown	6mm	1 Tile	3.23 m²	45.50 kg
2	2700x900mm	Ⓑ Ductile	All Colours Shown	6mm	1 Tile	2.42 m²	29.04 kg
3	1200x1200mm	Ⓑ+Ⓖ	All Colours Shown	9mm	1 Tile	1.44 m²	30.50 kg
		Ⓔ 2cm	02 Only	20mm	1 Tile	1.44 m²	66.02 kg
4	1200x600mm	Ⓑ+Ⓖ	All Colours Shown	9mm	2 Tiles	1.43 m²	30.32 kg
		Ⓑ Ductile	All Colours Shown	6mm	3 Tiles	2.16 m²	25.80 kg
5	900x900mm	Ⓑ+Ⓖ	All Colours Shown	9mm	1 Tile	0.81 m²	17.00 kg
		Ⓔ 2cm	02 Only	20mm	1 Tile	0.81 m²	37.09 kg
6	900x450mm	Ⓑ+Ⓖ	All Colours Shown	9mm	3 Tiles	1.21 m²	25.50 kg
7	600x600mm	Ⓑ+Ⓖ	All Colours Shown	9mm	3 Tiles	1.07 m²	23.22 kg
8	600x300mm	Ⓑ+Ⓖ	All Colours Shown	9mm	6 Tiles	1.07 m²	22.00 kg

#	Mosaics	Finish Type	Colour Availability	Thickness	Pz / Box	M2 / Box	Kg / Box
9	25x25mm Square Mosaic Sheet: 300x300mm	Ⓑ+Ⓖ	All Colours Shown	9mm	5 Sheets	0.44 m²	9.00 kg
10	50x50mm Square Mosaic Sheet: 300x300mm	Ⓑ+Ⓖ	All Colours Shown	9mm	5 Sheets	0.44 m²	9.00 kg
11	Mixed Strips Mosaic Sheet: 450x300mm	Ⓑ+Ⓖ	All Colours Shown	9mm	5 Sheets	0.44 m²	9.00 kg
12	3D Strips Mosaic Sheet: 900x150mm	Ⓑ+Ⓖ	All Colours Shown	9mm	4 Sheets	0.35 m²	7.50 kg
13	Deco Mosaic Sheet: 600x600mm	Ⓑ+Ⓖ	All Colours Shown	9mm	3 Sheets	0.89 m²	19.00 kg

Key to Finishes: Ⓑ Soft Bush Hammered Ⓖ Grip Ⓔ 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. Ⓡ 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



BEIGE LRV: 45

Skirting Product Code (All Sizes): B BUC1BS

LIGHT GREY LRV: 55

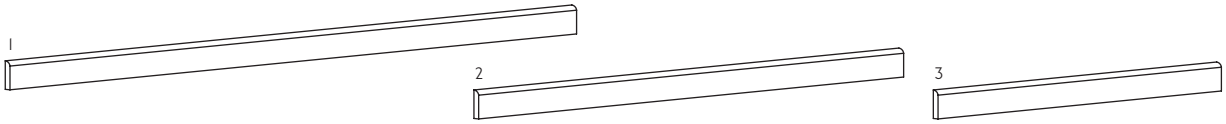
Skirting Product Code (All Sizes): B BUC2BS

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.

Beige Soft Bush Hammered 600x600mm - BUCK1B

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 [BIa]
	All Sizes Shown (G)	Internal & External	Internal & External	Yes	V2	Porcelain [BIa]
	All Sizes Shown (E)	Internal & External	Internal & External	Yes	V2	Porcelain [BIa]
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
(G) Grip	All Colours Shown	Dry 36+ Wet 36+	Wet 36+	R11	C	-	Commercial
(E) Grip+ 2cm	All Colours Shown	Dry 36+ Wet 36+	Wet 36+	R11	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 [BIa]

Test / Standard	Requirement	Test Result	Test / Standard	Requirement	Test Result
Length / Width EN ISO 10545 - 2	± 0.6% ≤ ± 2mm	**Pass**	Modulus of Rupture EN ISO 10545 - 4	Min. 35N / mm²	**≥ 52N / mm²**
Thickness EN ISO 10545 - 2	± 5% ≤ ± 0.5mm	**Pass**	Thermal Shock EN ISO 10545 - 9	Pass	**Pass**
Straightness of Side EN ISO 10545 - 2	± 0.5% ≤ ± 1.5mm	**Pass**	Frost Resistance EN ISO 10545 - 12	Resistant	**Resistant**
Rectangularity EN ISO 10545 - 2	± 0.5% ≤ ± 2mm	**Pass**	Chemical Resistance EN ISO 10545 - 13	Min. Class B	**Pass**
Surface Flatness EN ISO 10545 - 2	± 0.5% ≤ ± 0.5mm	**Pass**	Stain Resistance EN ISO 10545 - 14	Min. Class 3	**Class 5**
Water Absorption EN ISO 10545 - 3	≤ 0.5%	**≤ 0.5%**	Fire Rating	-	**Class A1 FL Non Combustible**
Weight / M²	**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	± 0.5% ≤ ± 2mm	**Pass**	Modulus of Rupture EN ISO 10545 - 4	Min. 15N / mm²	**≥ 20N / mm²**
Thickness EN ISO 10545 - 2	± 10% ≤ ± 0.5mm	**Pass**	Thermal Shock EN ISO 10545 - 9	Pass	**Pass**
Straightness of Side EN ISO 10545 - 2	± 0.3% ≤ ± 1.5mm	**Pass**	Frost Resistance EN ISO 10545 - 12	-	**Not Suitable**
Rectangularity EN ISO 10545 - 2	± 0.5% ≤ ± 2mm	**Pass**	Chemical Resistance EN ISO 10545 - 13	Min. Class B	**Class A**
Surface Flatness EN ISO 10545 - 2	± 0.5% ≤ ± 2mm	**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 A1 Non Combustible**
Weight / M²	**10.68 kg** 6mm thick Ductile				

Note: All Porcelain [BIa] 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 [BIa]	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.

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bsi. ISO 9001 Quality Management FM26818

bsi. ISO 14001 Environmental Management EMS40817

Anthracite Soft Bush Hammered 2700x900mm Ductile - BUC4DB

Product Notes

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

www.johnson-tiles.com

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JOHNSON · TILES
MADE IN THE UK SINCE 1901