

# DAKOTA

GLAZED CERAMIC AND PORCELAIN | WALL AND FLOOR TILES

STONE

SELECT



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

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Est. 1901  
**JOHNSON  
TILES**

# DAKOTA



**THREE COLOURS**

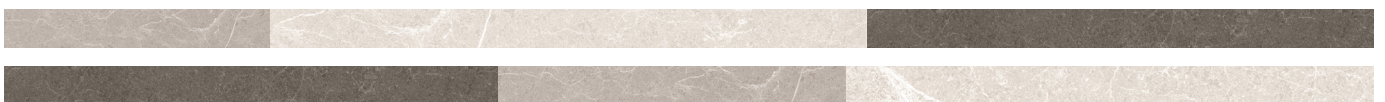


**TWO SIZES**



**TWO FINISHES**

Introducing Dakota, our new stone-effect glazed ceramic wall tile range, offering a stunning and realistic alternative to natural stone. The two large-format sizes of 600x300mm and 600x600mm makes them perfect for any residential or commercial application, creating a visually striking impact on any wall or floor. The mineral vein detailing alongside glossy inkjet prints provides a delicate shimmer with a matt finish, creating a naturalistic look that is reminiscent of real stone, adding depth and character to any space and creating a harmonious blend of nature and modernity. The low maintenance requirements and timeless, classic colour palette of Sand, Pebble and Basalt, ensure they will continue to look stunning for years to come. As a versatile and stylish option, Dakota is sure to enhance any interior design scheme.







## COLOURS AND PRODUCT CODES

V2: Low to Moderate Shade Variation

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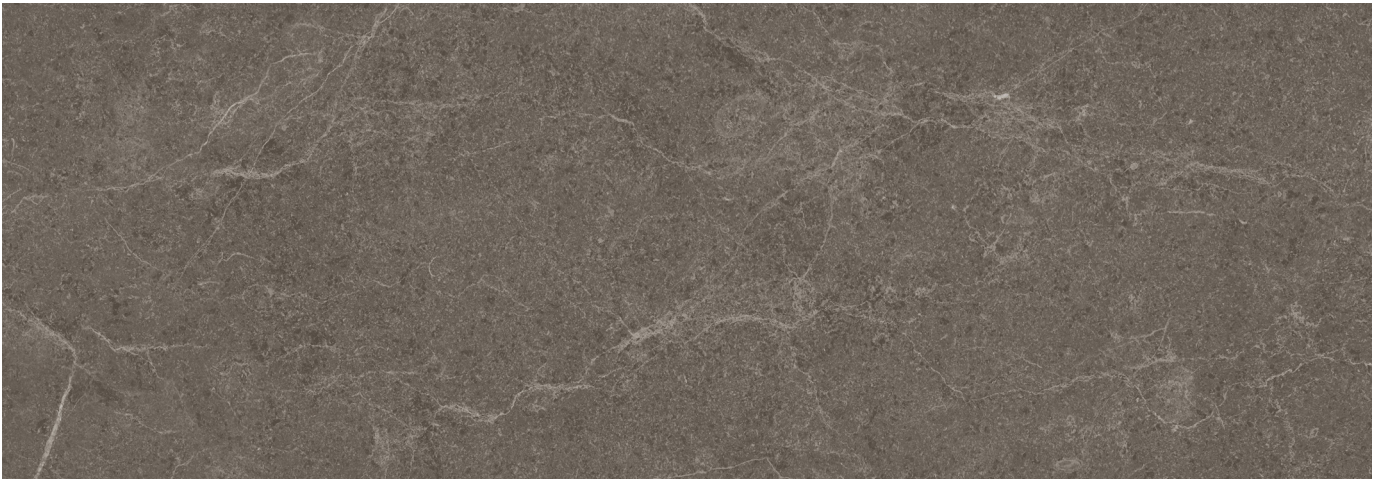
### **SAND** PEI: IV LRV: 62

Product Code (Bill): M DAK01A | Product Code (Bla): M DAK01F



### **PEBBLE** PEI: III LRV: 54

Product Code (Bill): M DAK02A | Product Code (Bla): M DAK02F





### **BASALT** PEI: III LRV: 18

Product Code (Bill): M DAK03A | Product Code (Bla): M DAK03F

# SIZE FORMATS AND AVAILABILITY

Size Options and Packing Information



#	Size Format	Thickness	Finish	Structure	Availability	Class	Pcs / Box	M <sup>2</sup> / Box	Kg / Box
01	600x300mm	7mm	 Matt	-	All Colours Shown	BIII	9 Tiles	1.62 m <sup>2</sup>	20.00 kg
02	600x600mm	9mm	 Matt	-	All Colours Shown	Bla	4 Tiles	1.44 m <sup>2</sup>	29.00 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.





Wall: Pebble Matt 600x300x7mm - DAK02A  
Floor: Basalt Matt 600x600x9mm - DAK03F


# TECHNICAL SUPPORT

Specification, Sustainability and Important Information














## Product Specification

Range Name	Finish	Structure	Wall Suitability	Floor Suitability	Wet Barefoot	Material / Class
Dakota	 Matt	-	Internal Only	-	-	Glazed Ceramic / BIII
	 Matt	-	Internal and External	Internal Only	-	Glazed Porcelain / BIIa














## Floor Values

Finish	Structure	Colour	PTV (96)	PTV (55)	R Value	Wet Ramp	PEI	Traffic
 Matt	-	Sand	Wet 25 - 35	-	-	-	IV	Commercial
		Pebble and Basalt	Wet 25 - 35	-	-	-	III	Light Commercial

## Physical Properties - Glazed Ceramic / BIII

Test and Standard	Requirement	Result	Test and Standard	Requirement	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 A I Non Combustible
 Weight / M <sup>2</sup>	12.35 kg 7mm Thick				

## Physical Properties - Glazed Porcelain / BIIa

Test and Standard	Requirement	Result	Test and Standard	Requirement	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	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	$\leq 0.5\%$	Pass	 Fire Rating		Class A I FL Non Combustible
 Weight / M <sup>2</sup>	20.14 kg 9mm Thick				

## Sustainability Credentials

Range Name	Material / Class	EPD	Recycled Content - Tiles	Recycled Content - Packaging
Dakota	Glazed Ceramic / BIII	Yes	Up to 37%	Up to 100% (Boxes Only)
	Glazed Porcelain / BIIa	Yes	Up to 40%	Up to 100% (Boxes Only)

**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 floor tiles shown in this literature achieve a PTV (96) Dry 36+ test result. PTV (96): Pendulum Test Value - 4S. PTV (55): Pendulum Test Value - TRL. R Value (DIN 51130). Wet Ramp (DIN 51097). PEI: Porcelain Enamel Institute. EPD: Environmental Product Declaration. CSV: Colour Shade Variation.

# TECHNICAL SUPPORT

## Specification, Sustainability and 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: [ddunlop@johnson-tiles.com](mailto:ddunlop@johnson-tiles.com).



Wall: Sand Matt 600x300x7mm - DAK01A  
Floor: Sand Matt 600x600x9mm - DAK01F

## WHERE TO FIND US

### Head Office

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

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### Material Lab Studio

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United Kingdom

Tel: +44 (0)20 7436 8629  
Email: [info@material-lab.co.uk](mailto:info@material-lab.co.uk)  
[www.material-lab.co.uk](http://www.material-lab.co.uk)

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### Factory Outlet

Tel: +44 (0)1782 524 040  
Email: [foutlet@johnson-tiles.com](mailto:foutlet@johnson-tiles.com)  
[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 – 5:00pm (Monday – Friday)

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### Order A Sample

Tel: +44 (0)1782 524 043  
Email: [samples@johnson-tiles.com](mailto:samples@johnson-tiles.com)

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### Technical Advice Helpline

Tel: +44 (0)1782 524 111  
Email: [ddunlop@johnson-tiles.com](mailto:ddunlop@johnson-tiles.com)

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Updated: March 2025