

REFINE

PORCELAIN AND CERAMIC | FLOOR AND WALL TILES

STONE

STRUCTURE

MOSAIC

ABSOLUTE



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Est. 1901
**JOHNSON
TILES**

REFINE



TWO COLOURS



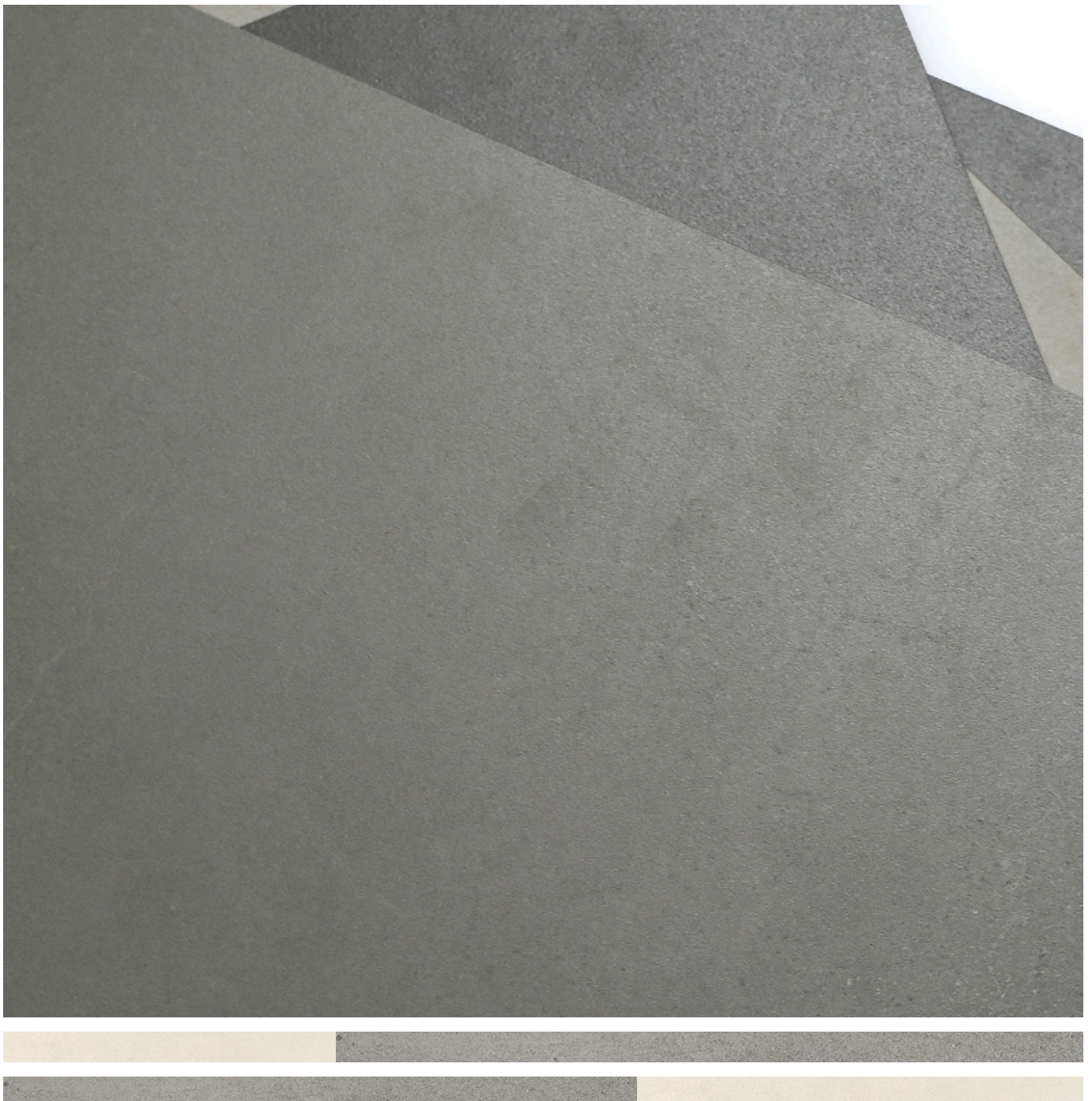
FOURTEEN SIZES



TWO FINISHES

Taking inspiration from the natural characteristics of stone, Refine offers two colours from the warm, sandy undertones of Dune to the deep, gunmetal grey of Pewter. A single Natural finish is available in both colour-ways, ideal for commercial installations. A Grip+ 2cm option is also featured in both colour-ways in 900x900mm and 1200x1200mm, perfect for extending tiling outdoors. Experiment with ten different size options and four décor mosaics to choose from.

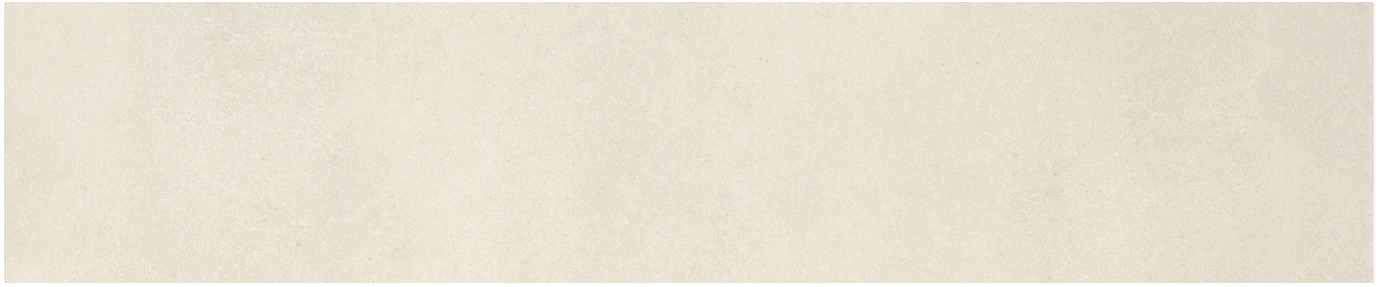
The architectural Refine wall tile collection provides a classic palette of two natural tones. Understated colours are paired with geometric designs to create a striking combination, featuring three profiles: Peak, Calm, and Prints. Peak showcases chevron patterning, with Calm and Prints featuring linear structures. Explore the possibilities with horizontal or vertical lay patterns.





COLOURS AND PRODUCT CODES

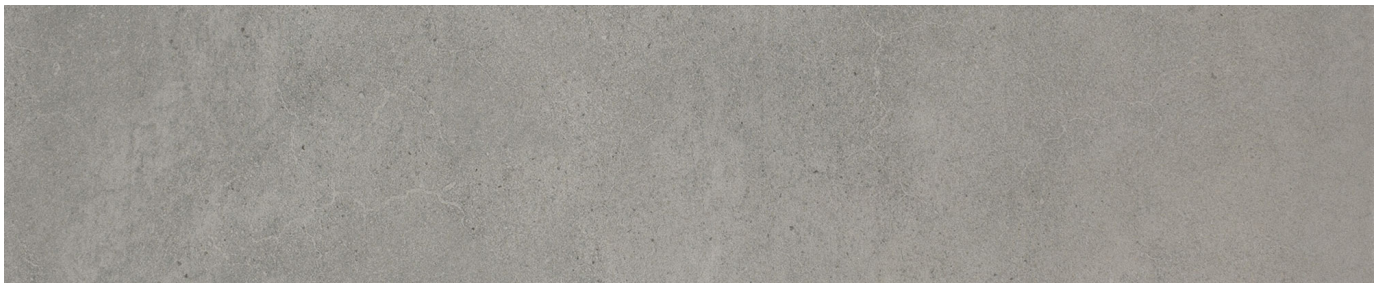
V2: Low to Moderate Shade Variation



DUNE LRV: 62

Product Code (Bla): N REF01N + E REF01E | Product Code (BIII Ductile): N REF1DN

Mosaic Code (Bla): N REF1NM | Fitting Code (Bla): N REF1NS



PEWTER LRV: 29

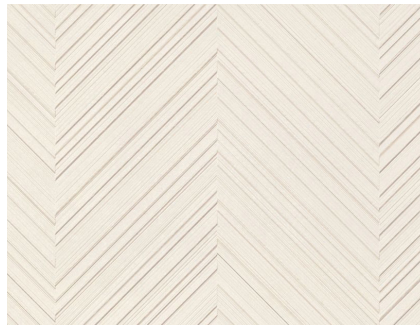
Product Code (Bla): N REF02N + E REF02E | Product Code (BIII Ductile): N REF2DN

Mosaic Code (Bla): N REF2NM | Fitting Code (Bla): N REF2NS



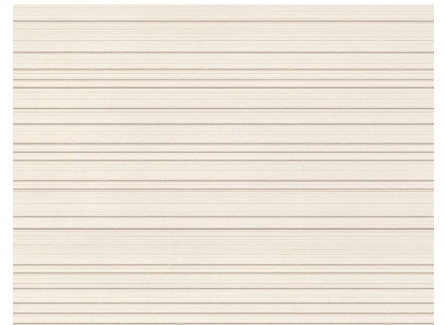
DUNE - CALM LRV: 62

Product Code (BIII): N REF01C



DUNE - PEAK LRV: 62

Product Code (BIII): N REF01K



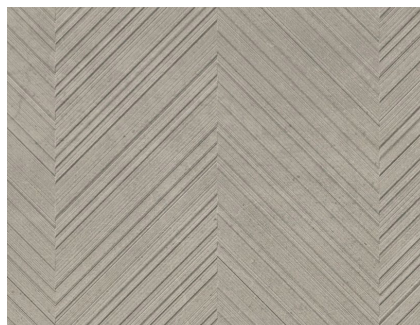
DUNE - PRINT LRV: 62

Product Code (BIII): N REF01P



PEWTER - CALM LRV: 29

Product Code (BIII): N REF02C



PEWTER - PEAK LRV: 29

Product Code (BIII): N REF02K

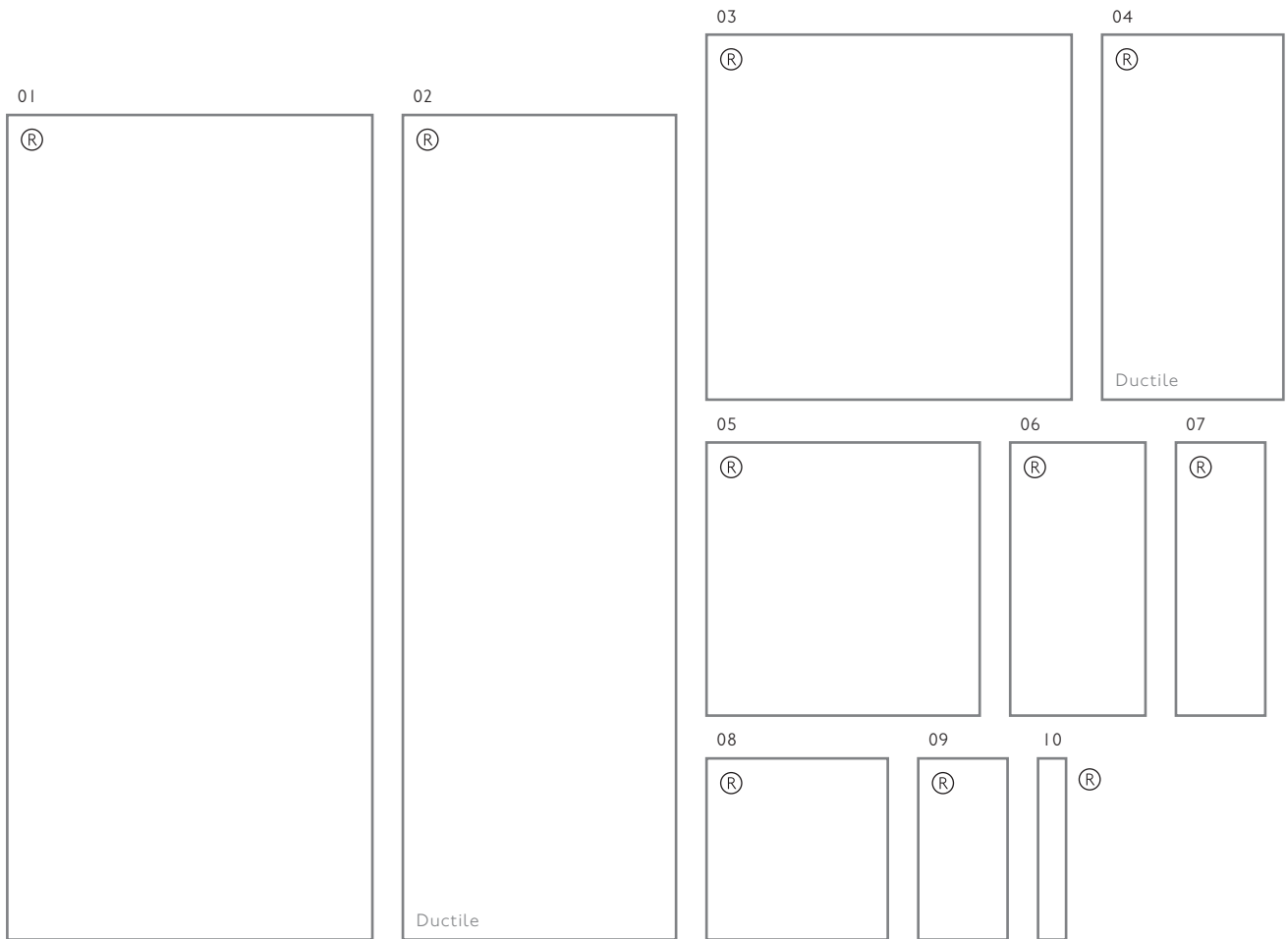


PEWTER - PRINT LRV: 29

Product Code (BIII): N REF02P

SIZE FORMATS AND AVAILABILITY

Size Options and Packing Information

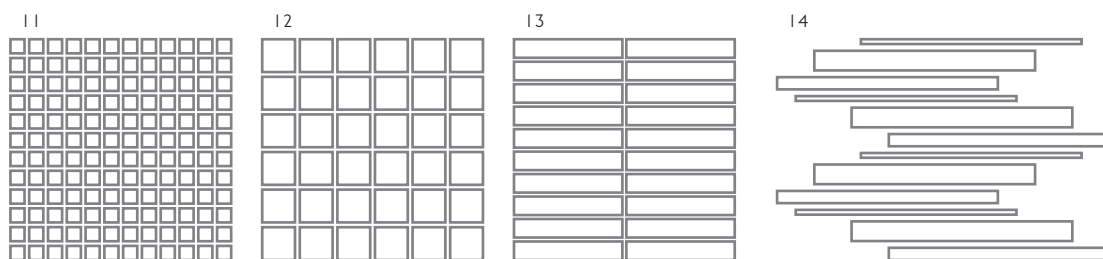






#	Size Format	Thickness	Finish	Structure	Availability	Class	Pcs / Box	M ² / Box	Kg / Box
01	2700x1200mm	6mm	Natural	-	All Colours Shown	Bla	1 Tile	3.23 m ²	45.50 kg
02	2700x900mm	6mm Ductile	Natural	-	All Colours Shown	BIII	1 Tile	2.42 m ²	29.04 kg
03	1200x1200mm	9mm	Natural	-	All Colours Shown	Bla	1 Tile	1.44 m ²	30.50 kg
		20mm	Grip+ 2cm	-	All Colours Shown	Bla	1 Tile	1.44 m ²	66.02 kg
04	1200x600mm	9mm	Natural	-	All Colours Shown	Bla	2 Tiles	1.44 m ²	30.32 kg
		6mm Ductile	Natural	-	All Colours Shown	BIII	3 Tiles	2.16 m ²	25.80kg
05	900x900mm	9mm	Natural	-	All Colours Shown	Bla	2 Tiles	1.62 m ²	34.00 kg
		20mm	Grip+ 2cm	-	All Colours Shown	Bla	1 Tile	0.81 m ²	37.09 kg
06	900x450mm	9mm	Natural	-	All Colours Shown	Bla	3 Tiles	1.21 m ²	25.50 kg
07	900x300mm	11mm	Natural	Calm	All Colours Shown	BIII	4 Tiles	1.07 m ²	17.60 kg
				Peak	All Colours Shown	BIII	4 Tiles	1.07 m ²	17.60 kg
				Print	All Colours Shown	BIII	4 Tiles	1.07 m ²	17.60 kg
08	600x600mm	9mm	Natural	-	All Colours Shown	Bla	3 Tiles	1.08 m ²	23.22 kg
09	600x300mm	9mm	Natural	-	All Colours Shown	Bla	6 Tiles	1.08 m ²	22.00 kg
10	600x100mm	9mm	Natural	-	All Colours Shown	Bla	10 Tiles	0.59 m ²	13.30 kg




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

SIZE FORMATS AND AVAILABILITY

Size Options and Packing Information



#	Size Format	Thickness	Finish	Structure	Availability	Class	Pcs / Box	M ² / Box	Kg / Box
11	300x300mm Square Mosaic	9mm	 Natural	-	All Colours Shown	Bla	5 Sheets	0.44 m ²	9.00 kg
12	300x300mm Square Mosaic	9mm	 Natural	-	All Colours Shown	Bla	5 Sheets	0.44 m ²	9.00 kg
13	300x300mm Strip Mosaic	9mm	 Natural	-	All Colours Shown	Bla	5 Sheets	0.44 m ²	9.00 kg
14	450x300mm Strip Mosaic	9mm	 Natural	-	All Colours Shown	Bla	5 Sheets	0.44 m ²	9.00 kg

#	Fittings	Thickness	Finish	Structure	Availability	Class	Pcs / Box	Lm / Box	Kg / Box
15	1200x50mm B/T Skirting	9mm	 Natural	-	All Colours Shown	Bla	5 Tiles	6.00 lm	7.00 kg
16	900x50mm B/T Skirting	9mm	 Natural	-	All Colours Shown	Bla	5 Tiles	4.50 lm	5.50 kg
17	600x50mm B/T Skirting	9mm	 Natural	-	All Colours Shown	Bla	5 Tiles	3.00 lm	3.00 kg

Note: Porcelain / Bla and Ceramic / Bill 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. (R) Rectified Edge.






Pewter Peak Natural 900x300x11mm - REF02K


TECHNICAL SUPPORT

Specification, Sustainability and Important Information













Product Specification

Range Name	Finish	Wall Suitability	Floor Suitability	Wet Barefoot	Material / Class
Refine	 Natural	Internal and External	Internal Only	-	Porcelain / Bla
	 Grip+ 2cm	-	Internal and External	Yes	Porcelain / Bla
	 Natural	Internal Only	-	-	Ceramic / BIII













Floor Values

Finish	Colour	PTV (96)	PTV (55)	R Value	Wet Ramp	PEI	Traffic
 Natural	ALL Colours Shown	Wet 25 - 35	-	R9	A	-	Commercial
 Grip+ 2cm	ALL Colours Shown	Wet 36+	Wet 36+	R11	C	-	Commercial

Physical Properties - Porcelain / Bla

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 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	$\pm 0.5\% \leq \pm 1.5\text{mm}$	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

Physical Properties - 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 ²	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

Sustainability Credentials

Range Name	Material / Class	EPD	Recycled Content - Tiles	Recycled Content - Packaging
Refine	Glazed Porcelain / Bla	Yes	Up to 30%	Up to 100% (Boxes Only)
	Glazed Ceramic / BIII	Yes	Up to 30%	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 - 45. 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

- 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.



Pewter Natural 900x900x9mm - REF02N

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