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TWELVE

This geometric porcelain series is fabulously flexible, with twelve possible layouts in six choices of colour combinations. Ideal for floors or walls in hallways, bathrooms and kitchens, or to add distinctive decoration to bars and restaurants in a lovely soft tactile finish.

1 FINISH / 1 FORMAT / 6 DECORS



Twelve

DECORS



Burgundy Blush



Cotto Moss



Double Green



Peach Green



Sky Sage



Yellow Tan

FORMAT	SIZE (mm)	THICKNESS (mm)	FINISH	DECORS	RECOMMENDED GROUT WIDTH (mm)	BOX QTY
Square	198 x 198	8	Porcelain	All	3	25

Shade Variation / V2 - Slight

Material / Porcelain

Slip Rating / R10 C | PTV 36+ Shod

Requires Sealing / See notes on sealing & grouting

Print colours may vary from actual product, so tile samples should be requested before ordering.
For advice on shade variation of V3 and above, please speak to our showroom.

* A ramp slip rating (R) value where quoted, is determined from tests carried out on one batch and the result can vary from batch to batch. Please contact technical@claybrookstudio.co.uk for further information.

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Installation and Technical Advice

Planning & Layout - All substrates should be flat, sound and dust free. All wet areas need to be suitably tanked and if the tiles are being fixed to stud walls or joist floors, then all movement must be made absolutely minimal using suitable plywood or cement board.
This tile should be laid square. There are many pattern options available, please see our pattern layout sheet online.

Cutting advice – Always use a water-cooled tile cutter and plan the tile layout to avoid cuts of less than 15mm where possible. Always cut through the tile with the visible face uppermost and tidy any slight chipping with a rubbing/sanding stone. Ensure the blade is kept clean with a keen cutting edge, otherwise excess chipping will occur.

Sealing & Grouting advice - No sealer required. To avoid grout residue/haze, we recommend using our Ardex FL/FS format grout which has been tested with our products and is available to purchase online. We do not recommend using contrasting-coloured or fine grouts for joint widths down to 1mm, as these can cling to the surface making the tiles more difficult to clean-down after grouting. The application of EcoProTec Pre-Grout Protector before grouting and the use of EcoProTec Cement Residue Remover will significantly reduce the chance of grout haze.

Ongoing Maintenance – We recommend using EcoProtec's Stone and Porcelain Aftercare Cleaner for daily cleaning purposes, as this will not affect the tile's slip rating and will not attack the surface of the grout. For an occasional deeper clean, you can use EcoProtec's Stone and Tile Intensive Cleaner. The tile does not need re-sealing.

For further advice on installation please contact **technical@claybrookstudio.co.uk** with any questions.

TECHNICAL DATA	INDUSTRY STANDARD	REQUIREMENT	PRODUCT VALUE
Length and Width	BS UNI ENISO 10545-2	0.6% +/- 2mm	≤0.5%
Thickness	BS UNI ENISO 10545-2	5% +/- 0.5mm	≤5%
Edge Straightness	BS UNI ENISO 10545-2	0.5% +/- 1.5mm	≤0.3%
Rectangularity	BS UNI ENISO 10545-2	0.5% +/- 2mm	≤0.5%
Surface Flatness	BS UNI ENISO 10545-2	0.5% +/- 2mm	≤0.5%
Surface Appearance (% of surface free of flaws)		≥95%	>95%
Water Absorption	BS UNI ENISO 10545-3	≤0.5%	<0.5%
Breaking Strength	BS UNI ENISO 10545-4	≥35N/mm2	≥35N/mm2
Resistance to Abrasion	BS UNI ENISO 10545-7	PEI	Group 3
Thermal Shock Resistance	BS UNI ENISO 10545-9	Pass	Pass
Frost Resistance	BS UNI ENISO 10545-12	No alteration to surface	No alteration
Chemical Resistance (domestic)	BS UNI ENISO 10545-13	UB min	UA ULB
Stain Resistance (domestic)	BS UNI ENISO 10545-14	Declared value	Class 4

If you require any further assistance regarding specification data, technical advice or samples, please contact enquiries@claybrookstudio.co.uk or technical@claybrookstudio.co.uk