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CONCRETOPIA OUTDOOR

Named after the architectural style that strives for simple and honest buildings, this hardwearing outdoor porcelain replicates cement and concrete surfaces. Available in 2 shades.

2 COLOURS / 1 FINISH / 1 FORMAT



Concretopia Smithson 595x595

COLOURS



Smithson



Sterling

FORMAT	SIZE (mm)	THICKNESS (mm)	FINISH	COLOURS	RECOMMENDED GROUT WIDTH (mm)	BOX QTY
Square Outdoor	595 x 595	20	Unglazed Porcelain	Smithston and Sterling	3	2

Shade Variation / V2 - Slight

Material / Unglazed Porcelain

Slip Rating / Outdoor 2cm finish R11 * PTV (shod foot) 45+

Requires Sealing / No

* A ramp slip rating (R) and/or PTV Slider 96/55 value where quoted, are 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 all lateral movement must be made absolutely minimal. If being installed externally, then the tiles are suitable for pedestal and dry mix substrates, as long as there is sufficient drainage to prevent water sitting on the surface. If the location is overlooked by plants, trees or in shade, then regular cleaning to prevent build up of dead leaves/petals, algae, moss, sap etc will be required to mainatin the R11 slip rating.

Cutting advice - use a large format water-cooled tile cutter suitable for cutting 2cm thick porcelain and plan the tile layout to avoid cuts 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 excessive grout residue, we recommend using our Ardex FL 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.

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	≤0.6%
Thickness	BS UNI ENISO 10545-2	5% +/- 0.5mm	≤5%
Edge Straightness	BS UNI ENISO 10545-2	0.5% +/- 1.5mm	≤0.5%
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	≥4000N/mm2
Resistance to Abrasion	BS UNI ENISO 10545-7	≥175mm3	>150mm3
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
Stain Resistance (domestic)	BS UNI ENISO 10545-14	Declared value	Class 5

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