



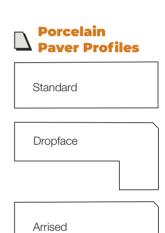
SPEC SHEETS

OUTDOOR PORCELAIN PAVERS

SPEC SHEET

OUTDOOR PORCELAIN PAVING

TECHNICAL SPECIFICATIONS				
	TEST STANDARD	STANDARD	RESULT	
Breaking Load KN	ISO 10545-4	1300	8000	
Modulus of Rupture		35Nmm ²	42.5N	
Coefficient of friction (COF)	AS 4586:2013	>0.4	0.65	
Slip Resistance Classification			59	
of New Pedestrian Surfaces			P5	
Abrasion Resistance, Ha	ISO 10545-6	<175mm³	Class 4	
PRODUCT INFORMATION				
Sizes Available (mm)	600x600			
Dropface Sizes Available (mm)	600x400x60/20			
Nominal Thickness	20mm (+/- 2mm)			
Colours Available	Reefstone, Ivory Quartz, Greystone, Urban Sands, Grey Quartz, Black Reefstone			
Country of Origin	China			















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DEFINITIONS

TERM	DEFINITION
TEST STANDARD	National and International Standards are agreed specifications for products, processes, services, and performance. They are generally voluntary but can be mandatory when cited in Acts, regulations or other legislative instruments.
AS/NZS 4456.5:2003	Determining Breaking Loads of Segmental Pavers and Flags
AS 4586:2013	Slip Resistance Classification of New Pedestrian Surface Materials
ISO 10545-4:2019	Ceramic Tiles - Part 4: Determination of modulus of rupture and breaking strength (Refers to Porcelain Paving)
BS EN 1341:2012	Slabs of natural stone for external paving. Requirements and test methods
ASTM C1353-09	Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform, Double-Headed Abraser
ASTM C -241	Standard Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic
EN 14157:2017	Natural stone test methods - Determination of the abrasion resistance
ISO 10545-6:2019	Ceramic Tiles - Part 6: Determination of resistance to deep abrasion for unglazed tiles (Refers to Porcelain Paving)
BREAKING LOAD	Force, stress or tension steadily applied and just enough to rupture.
KN	Kilonewton. A unit of force.
MODULUS OF RUPTURE	Measure of a paver's tensile strength. The paver's ability to resist failure when there is bending and a load applied. Also known as flexural strength.
MPa	Megapascal. A unit of pressure.
CO-EFFICIENT OF FRICTION	The measure of the amount of friction existing between two surfaces.
SLIP RESISTANCE CLASSIFICATION	A pedestrian surface is classed with a P rating based on it's mean slip resistance value (SRV). Ratings are as follows: P0 - mean SRV of <12, P1 - mean SRV of 12-24, P2 - mean SRV of 25-34, P3 - mean SRV of 35-44, P4 - mean SRV of 45-54, P5 -mean SRV of >54. P0 is the lowest slip resistance rating and P5 is the highest.
ABRASION RESISTANCE	The ability of a surface to resist being worn away by rubbing or friction.

AS/NZ: Australian/New Zealand Standard. AS: Australian Standard. ISO: International Organisation for Standardisation. BS EN: British Standards Institute European Norms. ASTM: American Society for Testing and Materials. EN: European Standards. In the first instance, and where possible, New Zealand and Australian standards are used and referred to. When a New Zealand or Australian standard isn't relevant or does not exist, international standards are used and referred to.

