



URBAN Paving

AND LANDSCAPE SUPPLIES



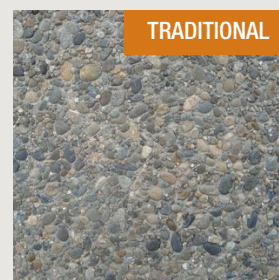
SPEC SHEETS

EXPOSED AGGREGATE TRADITIONAL & CLASSIC CONCRETE PAVERS

SPEC SHEET

EXPOSED AGGREGATE TRADITIONAL CONCRETE PAVERS

TECHNICAL SPECIFICATIONS			
	TEST STANDARD	STANDARD	RESULT
Breaking Load KN	AS/NZS 4456.5:2003	5	5
Breaking Load per 100mm Kn		-	0.9
Modulus of Rupture		-	4.3
Coefficient of friction (COF)	AS 4586:2013	>0.4	0.65 Wet
Slip Resistance Classification of New Pedestrian Surfaces			59
			P5
PRODUCT INFORMATION			
Sizes Available (mm)	900x450, 600x600, 600x300, 500x500, 500x250, 450x450, 450x225, 400x400, 400x200, 300x300		
Bullnose Sizes Available (mm)	600x300, 500x500, 300x300		
Nominal Thickness	40mm (+/- 2mm)		
Country of Origin	New Zealand		



TRADITIONAL

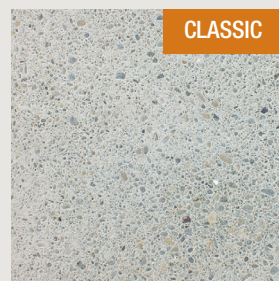
Concrete Paver Profiles

Standard

Bullnose

EXPOSED AGGREGATE CLASSIC CONCRETE PAVERS

TECHNICAL SPECIFICATIONS			
	TEST STANDARD	STANDARD	RESULT
Breaking Load KN	AS/NZS 4456.5:2003	5	5
Breaking Load per 100mm Kn		-	0.9
Modulus of Rupture		-	4.3
Coefficient of friction (COF)	AS 4586:2013	>0.4	0.68 Wet
Slip Resistance Classification of New Pedestrian Surfaces			61
			P5
PRODUCT INFORMATION			
Sizes Available (mm)	1000x500, 900x450, 600x600, 600x300, 500x500, 500x250, 450x450, 450x225, 400x400, 400x200, 300x300		
Bullnose Sizes Available (mm)	600x300, 500x500, 300x300		
Nominal Thickness	40mm (+/- 2mm)		
Country of Origin	New Zealand		



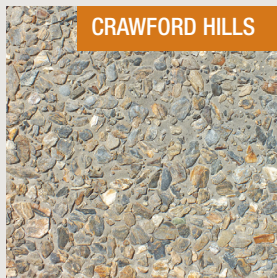
CLASSIC

EXPOSED AGGREGATE CRAWFORD HILLS & SHOTOVER CONCRETE PAVERS

SPEC SHEET

EXPOSED AGGREGATE CRAWFORD HILLS

TECHNICAL SPECIFICATIONS			
	TEST STANDARD	STANDARD	RESULT
Breaking Load KN	AS/NZS 4456.5:2003	5	4.3
Breaking Load per 100mm Kn		-	0.7
Modulus of Rupture		-	3.7
Coefficient of friction (COF)	AS 4586:2013	>0.4	0.67 Wet
Slip Resistance Classification of New Pedestrian Surfaces			61
			P5
PRODUCT INFORMATION			
Sizes Available (mm)	900x450, 600x600, 600x300, 500x500, 500x250, 450x450, 450x225, 400x400, 400x200, 300x300		
Bullnose Sizes Available (mm)	600x300, 500x500, 300x300		
Nominal Thickness	40mm (+/- 2mm)		
Country of Origin	New Zealand		



CRAWFORD HILLS



Concrete Paver Profiles

Standard

Bullnose

EXPOSED AGGREGATE SHOTOVER FINISH

TECHNICAL SPECIFICATIONS			
	TEST STANDARD	STANDARD	RESULT
Breaking Load KN	AS/NZS 4456.5:2003	5	4.6
Breaking Load per 100mm Kn		-	0.8
Modulus of Rupture		-	4
Coefficient of friction (COF)	AS 4586:2013	>0.4	0.69 Wet
Slip Resistance Classification of New Pedestrian Surfaces			62
			P5
PRODUCT INFORMATION			
Sizes Available (mm)	900x450, 600x600, 600x300, 500x500, 500x250, 450x450, 450x225, 400x400, 400x200, 300x300		
Bullnose Sizes Available (mm)	600x300, 500x500, 300x300		
Nominal Thickness	40mm (+/- 2mm)		
Country of Origin	New Zealand		



SHOTOVER FINISH

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.