

ECO OUTDOOR® | PRODUCT TECH DATA

			SLIP RESISTANCE (UNSEALED)			FLEXURAL STRENGTH (MPa)		MODULUS OF RUPTURE (MPa)		SALT RESISTANCE (% MEAN WEIGHT LOSS)		WATER ABSORPTION (MEAN)		BULK SPECIFIC GRAVITY (KG/M³)	
			Oil-Wet Ramp	Mean BPN/SRV	Classification	Dried Strength	Soaked Strength	Dried	Soaked	Not Sealed	Dry Treat 40SK	% by Weight	% by Volume		
FLOORING															
BLUESTONE	Bluestone	Sawn	R11	64	V	19.7	19.9					0.44	1.19	2710	
	Euro Bluestone	Tumbled						15.0	12.4	< 0.10 (AA Grade)		1.19	3.10	2604	
	Pacific Bluestone	Tumbled		52	P4			21.7	18.1	< 0.10 (AA Grade)		0.09	0.24	2707	
	Torino	Brushed anti-slip Sawn		51	P4	6.4	4.6			1.9% (B Grade)		3.46	8.00	2310	
COTTO	Antico Luce	Natural													
	Antico Arrotato	Natural													
	Antico Carbone	Natural													
	Antico Nero	Natural													
	Antico Notte	Natural													
FLAGSTONE	Beauford*	Sandblasted													
	Bluestone	Sawn	R11	64	V	19.7	19.9					0.44	1.19	2710	
	Bolzano	Sawn				6.8	4.6			0.14 (A Grade)		3.46	8.17	2365	
	Brannon	Sawn		68	P5			7.9	3.6	88.6 (D Grade)		6.30	13.98	2219	
	Bullen	Sawn		66	P5			13.3	8.3	1.0 (B Grade)		4.82	11.13	2309	
	Endicott	Split		59	P5							0.50		2700	
												EN 13755		Test Method: EN 1936	
	Luca	Split										0.31			
	Osprey	Sawn		53	P4			6.5	4.9	34.4 (D Grade)	0.2 (A Grade)	6.54	14.08	2153	
	Porphyry	Split							20.4			1.00		Average apparent density: 2555	
FILETTI	Scala	Sawn		58	V							0.90	2.4	2691	
	Garonne	Tumbled		51	P4			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544	
	Pacific Bluestone	Tumbled						21.7	18.1	< 0.10 (AA Grade)		0.09	0.24	2707	
	Pendell	Tumbled		51	P4			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488	
GRANITE	Scala	Tumbled						12.0	10.6	0.12 (A Grade)		2.19	5.07	2330	
	Buffalo	Exfoliated										0.10			
	Emu	Exfoliated		61	P5	13.1	10.6	11.0	9.1			0.29	0.76	2636	
	Fallow	Sandblasted													
		Exfoliated													
		Exfoliated & Sgl Br													
		Exfoliated & Dbl Br							12.1	10.1	0.06 (AA Grade)		0.27	0.72	2636
	Forest	Exfoliated & Trp Br													
		Honed													
	Lizard	Exfoliated													
	Mallard	Bush Hammered													
		Exfoliated & Trp Br							16.3	12.6	0.08 (AA Grade)		0.21	0.62	2900
	Raven	Exfoliated	R13												
		Honed	R9												
	Tawny	Exfoliated													
Tortoise	Bush Hammered & Sgl Br		53	W											
Sable	Exfoliated		57	P5			14.7	12.1	< 0.10 (AA Grade)		0.22		2839		
HAND PRESSED CEMENT	All Colors	Standard finish		28	P2										
		Sandblasted		55	P5										
LIMESTONE	Andorra	Brushed		43	P3			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617	
	Arbon	Tumbled		51	P4			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488	
	Calcetta	Heavily Distressed		59	P5			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544	
	Chalford	Heavily Distressed		55	P5			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617	
	Colmar	Sandblasted		57	P5										
		Brushed		35	P3			9.6	7.2	3.0 (B Grade)		2.84	7.02	2478	
	Dover	Antique		27	P2										
		Sandblasted		52	P4			14.8	11.8	0.10 (A Grade)		0.08	0.23	2702	
	Duro	Sandblasted		62	P5			16.6	12.3	0.29 (A Grade)		1.56	4.01	2565	
	Garonne	Tumbled		51	P4										
		Sandblasted & Brushed		40	P3			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544	
	Jericho	Tumbled		47	W	14.9	10.6			0.13 (A Grade)		0.70	1.84	2648	
	La Roche	Heavily Distressed		38	X	14.1	13.1			0.15 (A Grade)		0.94	2.47	2615	
	Linton	Lightly Distressed		60	P5			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488	
	Nettle	Antique		28	P2					0.15 (A Grade)		0.94	2.47	2615	
	Rhone	Sandblasted		54	P4										
		Sandblasted & Brushed		39	P3			9.7	8.7	0.20 (A Grade)		0.71		2773	
	Sarelle	Hand Sandblasted		57	P5			12.7	8.1	2.9 (B Grade)		2.07	5.26	2544	
	Winbourne	Tumbled		41	P3					0.10 (A Grade)		1.11	2.90	2611	
	Woodford*	Antique													
Wyndam	Lightly Distressed		39	P3			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617		
SANDSTONE	Beauford*	Heavily Distressed													
	Bolzano	Sawn				6.8	4.6			0.14 (A Grade)		3.46	8.17	2365	
	Brannon	Sawn		68	P5			7.9	3.6	88.6 (D Grade)		6.30	13.98	2219	
		Lightly Honed		54	P4										
	Bullen	Sawn		66	P5			13.3	8.3	1.0 (B Grade)		4.82	11.13	2309	
		Lightly Honed		52	P4										
Camelhaas*	Antique														
Osprey	Sawn		53	P4			6.5	4.9	34.4 (D Grade)	0.2 (A Grade)	6.54	14.08	2153		
Toolara	Distressed		57	P5			8.2	5.1	14.0 (D Grade)	0.1 (A Grade)	3.22	7.91	2458		
SPLIT STONE	Abyss	Natural Split		54	W	46.1	31.6					0.29	0.79	2730	
	Atlantic	Natural Split		54	W	46.1	31.6					0.23	0.63	2733	
	Endicott	Natural Split		59	P5							0.50		2700	
												EN 13755		Test Method: EN 1936	
	Lichen	Natural Split		53	P4	46.1	31.6					0.31	0.85	2725	
Luca	Natural Split														
	Porphyry	Natural Split													
	Tumbled						25.1				1.00		Average apparent density: 2555		
											EN 13755:2008		UNI EN 1936:2007		
TRAVERTINE	Chambon	Lightly Distressed		54	P4			17.4	14.8	0.09 (A Grade)		1.40	3.55	2544	
	Ravello	Tumbled		41	X	9.5	10.3	13.3	10.0	0.11 (AA Grade)		1.43	3.48	2439	
	Scala	Sawn		58	V										
		Honed & Filled		35	X			12.0	10.6	0.12 (A Grade)		2.19	5.07	2330	
	Tofa	Tumbled		41	X	9.5	10.3	13.3	10.0	0.11 (AA Grade)		1.43	3.48	2439	
WALLING															
DRY STONE	Alpine	Natural Split													
	Baw Baw	Natural Split													
	Jindera	Natural Split													
	Mitta Mitta	Natural Split													
	Siltstone	Natural Split													
FREEFORM	Bodega	Natural Split													
	Bokara	Natural Split													
	Bullhorn	Antique													
	Calabor	Natural Split													
	Canyonfell	Natural Split													
	Crackenback	Natural Split													
	Finch	Natural Split													
	Howqua	Natural Split													
	Korora	Natural Split													
	Tilbrook	Natural Split													
	Wamberal	Natural Split													
	Wolfback	Natural Split													
	LINEAR WALLING	Abyss	Natural Split		54	W	46.1	31.6					0.31	0.85	2725
Colmar		Brushed		35	P3			9.6	7.2	3.0 (B Grade)		2.84	7.02	2478	
Lichen		Natural Split		53	P4	46.1	31.6					0.31	0.85	2725	
Roda		Sawn		62	P5			17.7	16.3	0.08 (AA Grade)		0.16	0.43	2729	
Sancerre		Hand Chiselled Sawn													
RANDOM ASHLAR	Scala	Sawn													
	Apollo	Natural Split													
	Clancy	Natural Split													
	Coolum	Natural Split													
	Newport	Natural Split													
TRADITIONAL FORMAT	Barlow	Sandblasted						8.2	5.1	14.0 (D Grade)		3.22	7.91	2458	
	Barrimah	Antique													
	Broma	Antique													
	Scala	Split						12.0	10.6	0.12 (A Grade)		2.19	5.07	2	