

ECO OUTDOOR® | PRODUCT TECH DATA

			WEIGHT PER M ²		SIZE TOLERANCE		SLIP RESISTANCE (UNSEALED)			FLEXURAL STRENGTH (MPa)		MODULUS OF RUPTURE (MPa)		SALT RESISTANCE (% MEAN WEIGHT LOSS)		WATER ABSORPTION (MEAN)		BULK SPECIFIC GRAVITY (KG/M ³)	
			kg / (thickness)	Dimension	Thickness	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	55 (20mm)	+/-2mm	+/-2mm	R11	64	V	19.7	19.9						0.44	1.19	2710	
	Euro Bluestone	Tumbled	60 (30mm)	+/-2mm	+/-2mm						15.0	12.4	< 0.10 (AA Grade)			1.19	3.10	2604	
	Pacific Bluestone	Tumbled	55 (20mm)	+/-3mm	+/-3mm		52	P4			21.7	18.1	< 0.10 (AA Grade)			0.09	0.24	2707	
	Torino	Brushed anti-slip Sawn	47 (20mm)	+/-2mm	+/-2mm		51	P4	6.4	4.6			1.9% (B Grade)			3.46	8.00	2310	
COTTO	Antico Luce	Natural	42 (23mm)	+/-8mm								4.6							
	Antico Arrotato	Natural																	
	Antico Carbone	Natural	47 (25mm)	+/-2mm	+/-2mm														
	Antico Nero	Natural																	
CRAZY PAVING	Beauford*	Sandblasted	50 (22mm)		+/-2mm														
	Bluestone	Sawn	55 (20mm)		+/-2mm	R11	64	V	19.7	19.9					0.44	1.19	2710		
	Bluestone	Sawn	71 (30mm)		+/-2mm				6.8	4.6					3.46	8.17	2365		
	Brannon	Sawn	67 (30mm)		+/-3mm		68	P5			7.9	3.6	88.6 (D Grade)		6.30	13.98	2219		
	Bullen	Sawn	70 (30mm)		+/-3mm		66	P5			13.3	8.3	1.0 (B Grade)		4.82	11.13	2309		
	Endicott	Split	50 (15-30mm)		+/-10mm		59	P5	18.98 N/mm ² EN 12372						0.50		2700		
	Luca	Split	80 (20-40mm)		+/-10mm				22.9 N/mm ² EN 12372						0.31		2700		
	Osprey	Sawn	65 (30mm)		+/-2mm		53	P4			6.5	4.9	34.4 (D Grade)	0.2 (A Grade)	6.54	14.08	2153		
	Porphyry	Split	70 (20-40mm)		+/-10mm				25.1 Post freeze-thaw cycles: 22.4 UNI EN 12372:2007		20.4				1.00 UNI EN 13755:2008		Average apparent density: 2555 UNI EN 1936:2007		
	Scala	Sawn	47 (20mm)		+/-3mm		58	V							0.90	2.4	2691		
FILETTI	Garonne	Tumbled	53 (20mm)		+/-2mm		51	P4			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544		
	Pacific Bluestone	Tumbled	70 (25mm)		+/-2mm					21.7	18.1	< 0.10 (AA Grade)		0.09	0.24	2707			
	Pendell	Tumbled	52 (20mm)		+/-2mm		51	P4			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488		
	Scala	Tumbled	47 (20mm)		+/-2mm						12.0	10.6	0.12 (A Grade)		2.19	5.07	2330		
GRANITE	Buffalo	Exfoliated	61 (20mm)	+/-2mm	+/-2mm										0.10				
	Emu	Exfoliated Sandblasted	53 (20mm)	+/-2mm	+/-2mm		61	P5	13.1	10.6	11.0	9.1			0.29	0.76	2636		
	Fallow	Exfoliated					67	P5											
		Exfoliated & Sgl Br					55	P5											
		Exfoliated & Dbl Br					51	P4											
		Exfoliated & Trip Br					49	P4											
	Forest	Exfoliated Honed	63 (20mm)	+/-2mm	+/-2mm		57	V	17.1	16.9			0.06 (AA Grade)	0.06 (AA Grade)	0.05	0.16	3151		
	Lizard	Exfoliated Bush Hammered	60 (20mm)	+/-2mm	+/-2mm														
	Mallard	Exfoliated & Trip Br	58 (20mm)	+/-2mm	+/-2mm		43	X			16.3	12.6	0.08 (AA Grade)		0.21	0.62	2900		
	Raven	Exfoliated Honed	60 (20mm)	+/-2mm	+/-2mm	R13 R9			21.8	22.2					0.11	0.33	2971		
	Tawny	Exfoliated	53 (20mm)	+/-2mm	+/-2mm														
	Tortoise	Bush Hammered & Sgl Br	53 (20mm)	+/-2mm	+/-2mm		53	W											
	Sable	Exfoliated	53 (20mm)	+/-2mm	+/-2mm		57	P5			14.7	12.1	< 0.10 (AA Grade)		0.22		2839		
	HAND PRESSED CEMENT	All Colours	Standard finish	40 (16mm)				28	P2										
		Sandblasted					55	P5											
LIMESTONE	Andorra	Brushed	52 (20mm)	+/-2mm	+/-3mm		43	P3			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617		
	Arbon	Tumbled	38 (15mm)	+/-2mm	+/-3mm		51	P4			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488		
	Calcetta	Heavily Distressed	46 (18mm)	+/-2mm	+/-3mm		59	P5			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544		
	Chalford	Heavily Distressed Sandblasted	47 (18mm)	+/-2mm	+/-3mm		55	P5			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617		
	Colmar	Brushed	50 (20mm)	+/-2mm	+/-3mm		35	P3			9.6	7.2	3.0 (B Grade)		2.84	7.02	2478		
	Dover	Antique	32 (12mm)	+/-2mm	+/-3mm		27	P2			14.8	11.8	0.10 (A Grade)		0.08	0.23	2702		
		Sandblasted					52	P4											
	Duro	Sandblasted	51 (20mm)	+/-2mm	+/-3mm		62	P5			16.6	12.3	0.29 (A Grade)		1.56	4.01	2565		
	Garonne	Tumbled	38 (15mm)				51	P4											
		Sandblasted & Brushed	53 (20mm)	+/-2mm	+/-3mm		40	P3			12.7	8.1	2.7 (B Grade)		2.07	5.26	2544		
	Jericho	Tumbled	53 (20mm)	+/-2mm	+/-3mm		47	W	14.9	10.6			0.13 (A Grade)		0.70	1.84	2648		
	La Roche	Heavily Distressed	52 (20mm)	+/-2mm	+/-3mm		38	X	14.1	13.1			0.15 (A Grade)		0.94	2.47	2615		
	Linton	Lightly Distressed	47 (18mm)	+/-2mm	+/-3mm		60	P5			13.1	10.8	0.7 (A Grade)		2.32	5.77	2488		
	Nettle	Antique	55 (20mm)	+/-2mm	+/-3mm		28	P2					0.15 (A Grade)		0.94	2.47	2615		
	Rhone	Sandblasted					54	P4											
		Sandblasted & Brushed	60 (20mm)	+/-2mm	+/-3mm		39	P3			9.7	8.7	0.20 (A Grade)		0.71		2773		
	Sarelle	Hand Sandblasted	47 (18mm)	+/-2mm	+/-3mm		57	P5			12.7	8.1	2.9 (B Grade)		2.07	5.26	2544		
	Winbourne	Tumbled	56 (20mm)	+/-2mm	+/-3mm		41	P3					0.10 (A Grade)		1.11	2.90	2611		
	Woodford*	Antique	50 (20mm)	+/-2mm	+/-3mm														
	Wyndam	Lightly Distressed	47 (18mm)	+/-2mm	+/-3mm		39	P3			15.6	9.8	0.5 (A Grade)		1.25	3.27	2617		
SANDSTONE	Beauford*	Heavily Distressed	75 (30mm)	+/-2mm	+/-2mm														
	Bolzano	Sawn	71 (30mm)	+/-2mm	+/-2mm				6.8	4.6			0.14 (A Grade)		3.46	8.17	2365		
	Brannon	Sawn	67 (30mm)	+/-2mm	+/-3mm		68	P5			7.9	3.6	88.6 (D Grade)		6.30	13.98	2219		
		Lightly Honed					54	P4											
	Bullen	Sawn	70 (30mm)	+/-2mm	+/-3mm		66	P5			13.3	8.3	1.0 (B Grade)		4.82	11.13	2309		
		Lightly Honed					52	P4											
	Camelhaas*	Antique	46 (20mm)	+/-2mm	+/-3mm						6.5	4.9	34.4 (D Grade)	0.2 (A Grade)	6.54	14.08	2153		
SPLIT STONE	Osprey	Sawn	65 (30mm)	+/-2mm	+/-2mm		53	P4			8.2	5.1	14.0 (D Grade)	0.1 (A Grade)	3.22	7.91	2458		
	Toolara	Distressed	45 (18mm)	+/-2mm	+/-2mm		57	P5							0.29	0.79	2730		
TRAVERTINE	Abbyss	Natural Split	33 (12mm)	+/-2mm	+/-3mm		54	W	46.1	31.6					0.29	0.63	2733		
	Atlantic	Natural Split	33 (12mm)	+/-2mm	+/-3mm		54	W	46.1	31.6					0.29	0.63	2733		
	Endicott	Natural Split	68 (25mm)	+/-10mm	+/-10mm		59	P5	18.98 N/mm ² EN 12372						0.50		2700		
	Lichen	Natural Split	33 (12mm)	+/-2mm	+/-3mm		53	P4	46.1	31.6					0.31	0.85	2725		
	Luca	Natural Split	80 (30mm)	+/-10mm	+/-10mm				22.9 N/mm ² EN 12372										
	Porphyry	Natural Split Tumbled	77 (30mm)	+/-10mm	+/-10mm				25.1 Post freeze-thaw cycles: 22.4 UNI EN 12372:2007		20.4				1.00 UNI EN 13755:2008		Average apparent density: 2555 UNI EN 1936:2007		
WALLING	Chambon	Lightly Distressed	46 (18mm)	+/-2mm	+/-3mm		54	P4			17.4	14.8	0.09 (A Grade)		1.40	3.55	2544		
	Ravello	Tumbled	30 (12mm)	+/-2mm	+/-3mm		41	X	9.5	10.3			0.11 (AA Grade)		1.43	3.48	2439		
	Scala	Sawn	47 (20mm)	+/-2mm	+/-3mm		58	V			12.0	10.6	0.12 (A Grade)		2.19	5.07	2330		
		Honed & Filled					35	X											
Tolfa	Tumbled	30 (12mm)	+/-2mm	+/-3mm		41	X	9.5	10.3			0.11 (AA Grade)		1.43	3.48	2439			
DRY STONE																			
FREEFORM®	Alpine	Natural Split	77 (20-40mm)																
	Baw Baw	Natural Split	160 (45-80mm)																
	Jindera	Natural Split	75 (20-40mm)																
	Mitta Mitta	Natural Split	78 (20-40mm)																
	Siltstone	Natural Split	50 (35-45mm)																
	Bodega	Natural Split	72 (20-40mm)																
	Bokara	Natural Split	73 (30-50mm)																
	Bullhorn	Antique	74 (20-40mm)																
	Calabor	Natural Split	82 (30-50mm)																
	Canyonfell	Natural Split	82 (30-50mm)																
	Crackenback	Natural Split	70																