

artisan

EXTERIOR

Geotech Summary - Cobblestone

	Weight	Size Tolerance		Slip Resistance	Strength		Crystalline Silica Tests	Absorption		Light Reflection Values (LRV)		SRI	
	kg /m2	Dimension	Thickness		Compressive Strength	Flexural Strength		Water Absorption %	Open Porosity %	Mean Dry LRV (Yd)	Mean Wet LRV (Yw)	Solar Index (SRI)	Solar Reflectance (%)
Mesh Cobblestone													
Aska	45	+/- 3mm	+/- 3mm	P5			68.33%						
Escura	54	+/- 3mm	+/- 3mm	P5	52 MPa	14 MPa	<1%	0.15%	1.14%	47.42	32.69		
Harmaa	54	+/- 3mm	+/- 3mm	P5	52 MPa	14 MPa	<1%	0.15%	1.14%	41.01	27.68		
Heritage	45	+/- 3mm	+/- 3mm	P5	72 MPa	18.9 MPa	14.15%	0.18%	0.64%	34.4	19.45	50	43.88%
Highland Grey	45	+/- 2mm	+/- 2mm	P5	205.7 MPa	22.2 MPa	58.80%	0.14%	0.40%	27.75	10.7		
Montreux	45	+/- 3mm	+/- 3mm	P5	141 MPa	24 MPa	19.44%	0.14%	0.41%	31.21	24.05	44	40.59%
Pantera	54	+/- 2mm	+/- 2mm	P4	138 MPa	20 MPa	<1%	0.10%	0.10%	22.69	6.98		
Pilvi	45	+/- 3mm	+/- 3mm	P5	124 MPa	12.1 MPa	80.51%	0.51%	0.84%	25.9	10.29	40	36.89%
Plume	45	+/- 3mm	+/- 3mm	P5	101.6 MPa	17.2 MPa	23.53%	0.06%	0.26%	23.91	12.3	29	27.24%
Raven	54	+/- 2mm	+/- 2mm	P5	141 MPa	24 MPa	47.08%	0.14%	0.41%	13.48	5.38		
Valas	54	+/- 2mm	+/- 2mm	P4	52 MPa	14 MPa	<1%	0.15%	1.14%	43.76	26.02		
Vari	45	+/- 3mm	+/- 3mm	P5	131 Mpa	19.4 Mpa	10.91%	0.10%	0%	35.65	25.06	39	36.15%
Uniform Loose Cobblestone													
Kahvi	78	+/- 2mm	+/- 2mm	P4	105 MPa	15.4 MPa	2.16%	0.91%	2.02%	43.66	31.27	102	41.60%
Escura	81	+/- 2mm	+/- 2mm	P5	52 MPa	14 MPa	<1%	0.15%	1.14%	47.42	32.69		
Harmaa	81	+/- 2mm	+/- 2mm	P5	52 MPa	14 MPa	<1%	0.15%	1.14%	41.01	27.68		
Kotta	52	+/- 5mm	+/- 5mm							31.46	23.83		
Montera	81	+/- 2mm	+/- 2mm	P5		9 MPa		2.00%		39.21	24.05		
Olive	81	+/- 2mm	+/- 2mm	P5	117 MPa	13.9 MPa	3.18%	2.13%	3.45%	49.39	34.02		
Pantera	81	+/- 2mm	+/- 2mm	P4	138 MPa	20 MPa	<1%	0.10%	0.10%	22.69	6.98		
Platina	78	+/- 2mm	+/- 2mm	P4	66 MPa	6.33 MPa	3.64%	1.34%	2%	28.39	11.29	106	40.80%
Sokeria	78	+/- 2mm	+/- 2mm	P5	105 MPa	15.4 MPa	2.16%	0.91%	2.02%	51.9	35.99	104	40.60%
Valas	80	+/- 2mm	+/- 2mm	P4	52 MPa	14 MPa	<1%	0.15%	1.14%	43.76	26.02		
Split Loose Cobblestones													
Acero	81	+/- 10mm	+/- 10mm	P5	21.15 MPa	11.84 MPa	94%	0.49%	1.26%	33.73	18.54		
Arkkia	90	+/- 10mm	+/- 10mm	P5			73%			29.05	12.41		
Porphyry	90	+/- 10mm	+/- 10mm	P5	178 MPa	24 MPa	74%	0.70%		20.76	6.94		

* Estimated awaiting further testing

**Total mass lost over 15 cycles

For more information contact your Artisan Exterior Account Manager or call 1300 301 898