

COLOURED STONES & GRITS

Kalahari

Fine



1mm



1,6mm



3,2mm



4,8m



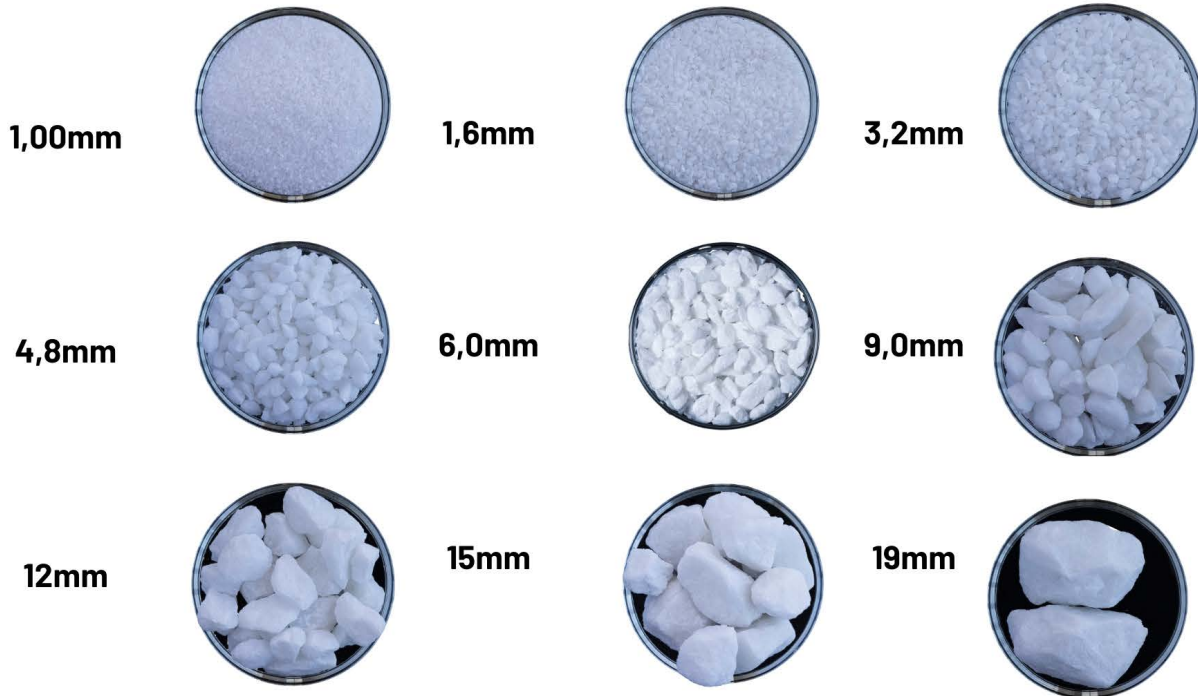
6,0mm



Chemical Analysis	Typical %
Silicon SiO ₂	94.80
Alumina Al ₂ O ₃	2.00
Iron Fe ₂ O ₃	1.17
Titanium TiO ₂	0.18
Calcium CaO	0.06
Magnesium MgO	20.5
Sodium Na ₂ O	0.056
Potassium K ₂ O	0.092
Manganese MnO	0.36
L.O.I	0.74
Physical Properties	Typical %
pH	9.0
Hardness mohs	7.0
Specific Gravity (g/ml)	2.72
Colour	Yellowish / light brownish

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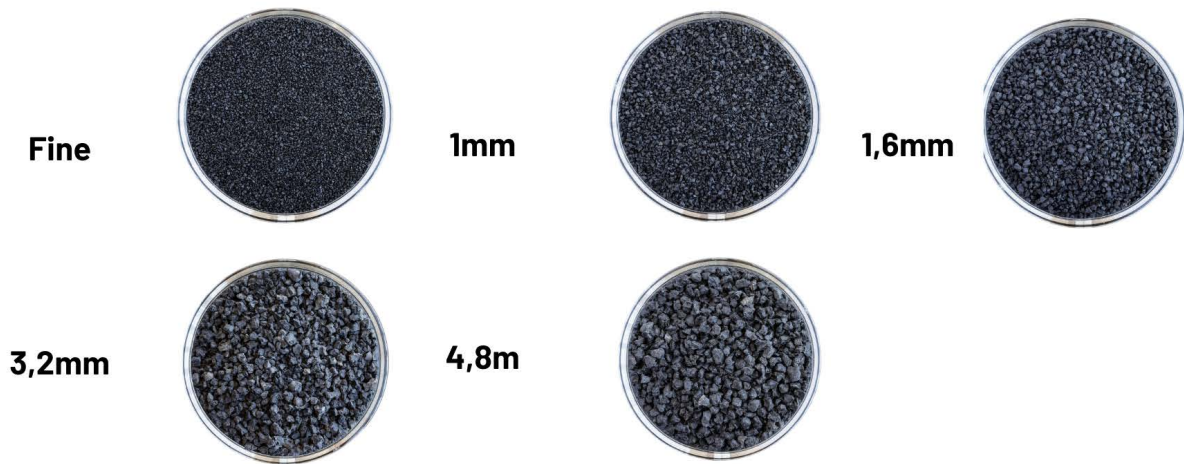
Super White



Chemical Analysis	Typical %
Silicon SiO ₂	1.48
Alumina Al ₂ O ₃	0.001
Iron Fe ₂ O ₃	0.073
Titanium TiO ₂	0.001
Calcium CaO	31.5
Magnesium MgO	21.9
Sodium Na ₂ O	0.066
Potassium K ₂ O	0.066
Manganese MnO	0.007
L.O.I	44.8
Physical Properties	Typical %
pH	9.5
Hardness mohs	3.5
Specific Gravity (g/ml)	2.84
Whiteness	95
Refractive Index	1.63

COLOURED STONES & GRITS

Midnight Black



Chemical Analysis	Typical %
Silicon SiO ₂	52.5
Alumina Al ₂ O ₃	5.21
Iron Fe ₂ O ₃	14.6
Titanium TiO ₂	0.23
Calcium CaO	3.87
Magnesium MgO	22.6
Sodium Na ₂ O	0.39
Potassium K ₂ O	0.19
Manganese MnO	0.182
L.O.I	<0.01
Physical Properties	Typical %
pH	
Hardness mohs	7.5
Specific Gravity (g/ml)	2.90
Colour	Black

COLOURED STONES & GRITS

Omega Grey

Fine



1mm



1,6mm



3,2mm

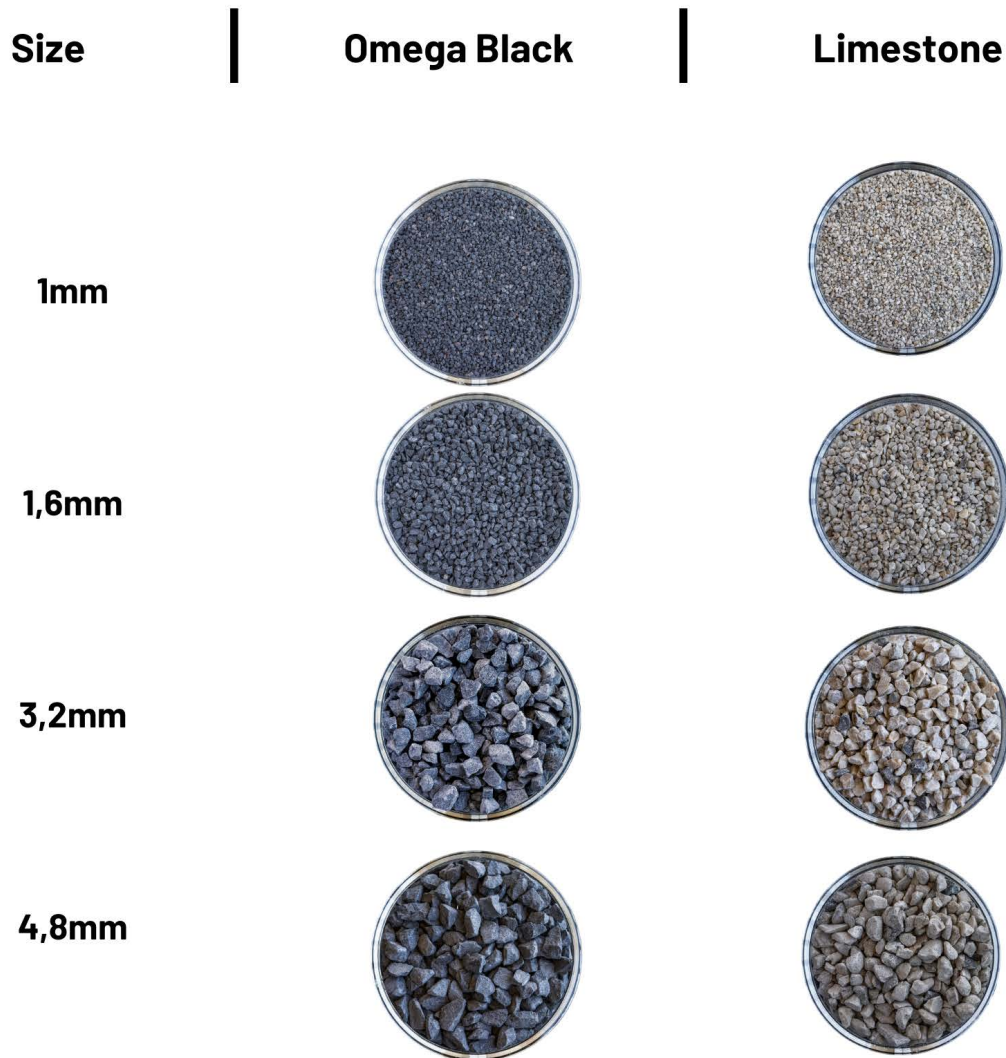


4,8m



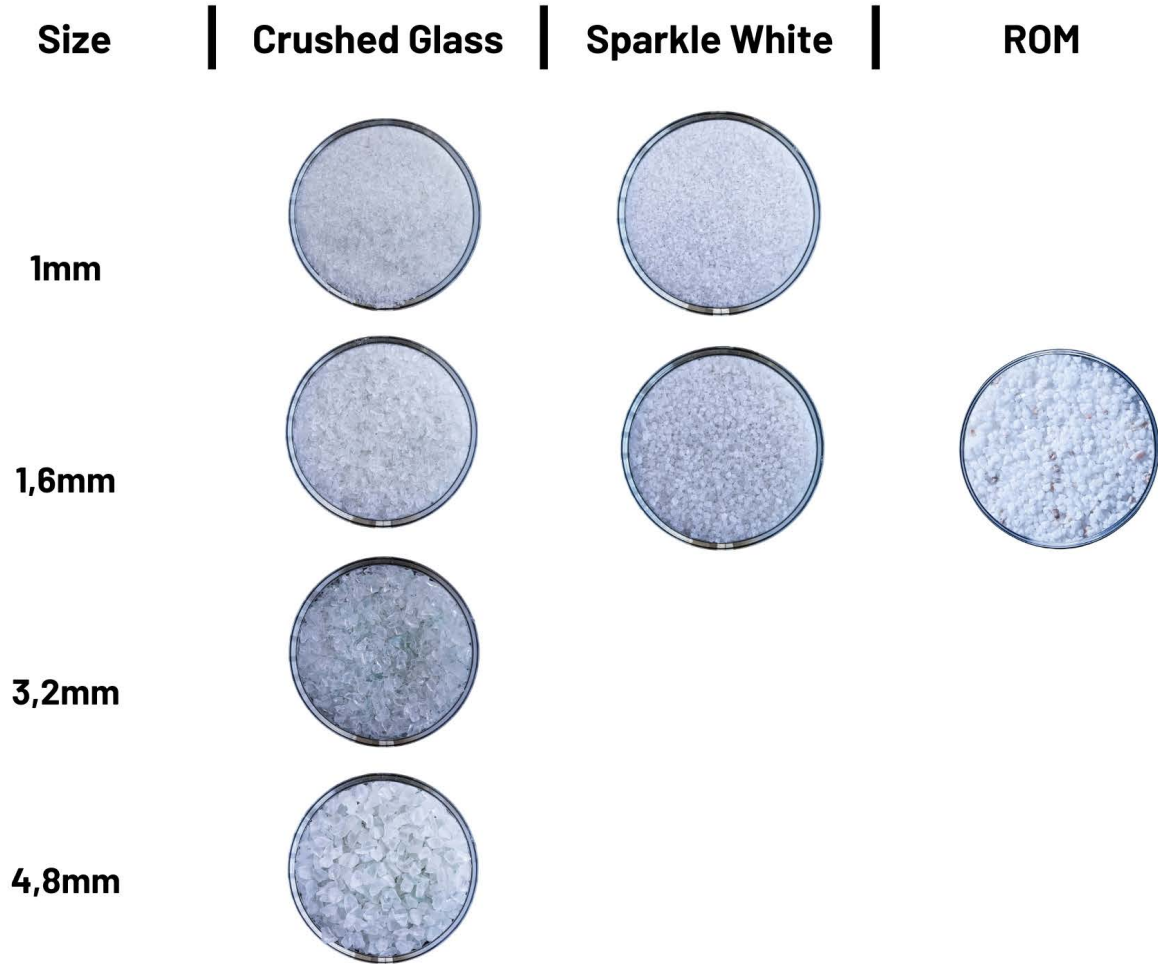
Chemical Analysis	Typical %
Silicon SiO ₂	71.1
Alumina Al ₂ O ₃	15.2
Iron Fe ₂ O ₃	2.02
Titanium TiO ₂	0.26
Calcium CaO	1.75
Magnesium MgO	0.69
Sodium Na ₂ O	4.44
Potassium K ₂ O	3.97
Manganese MnO	0.43
L.O.I	0.94
Physical Properties	Typical %
pH	12
Hardness mohs	6.5
Specific Gravity (g/ml)	2.69
Colour	Light grey

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Chemical Analysis	Typical %	Typical %
Silicon SiO ₂	1.19	5.19
Alumina Al ₂ O ₃	0.12	0.61
Iron Fe ₂ O ₃	0.71	0.56
Titanium TiO ₂	0.004	0.032
Calcium CaO	29.9	50.90
Magnesium MgO	20.5	0.95
Sodium Na ₂ O	0.058	0.063
Potassium K ₂ O	0.11	0.13
Manganese MnO	1.166	0.123
L.O.I	46.0	41.30
Physical Properties	Typical %	Typical %
pH	9.0	9.0
Hardness mohs	3.75	3.0
Specific Gravity (g/ml)	2.85	2.6
Colour	Black	Light cream

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Chemical Analysis	Typical %	Typical %	Typical %
Silicon SiO2	73.50	3.85	0.070
Alumina Al2O3	0.43	0.66	0.003
Iron Fe2O3	0.140	0.88	0.058
Titanium TiO2	0.026	0.01	<0.001
Calcium CaO	8.98	38.45	31.80
Magnesium MgO	4.02	30.61	21.60
Sodium Na2O	12.50	0.82	0.012
Potassium K2O	0.13	0.06	0.011
Manganese MnO	0.007	0.03	0.006
∑L.O.I	0.34	24.6	44.50
Physical Properties	Typical %	Typical %	Typical %
pH		9.5	9.5
Hardness mohs	5.50	3.5	3.5
Specific Gravity (g/ml)	2.55	2.84	2.84
Whitenss		95	
Colour	Clear		Brown/white mix (off white)
Refractive Index		1.65	1.63
Bulk Density (g/ml)	1.50		