

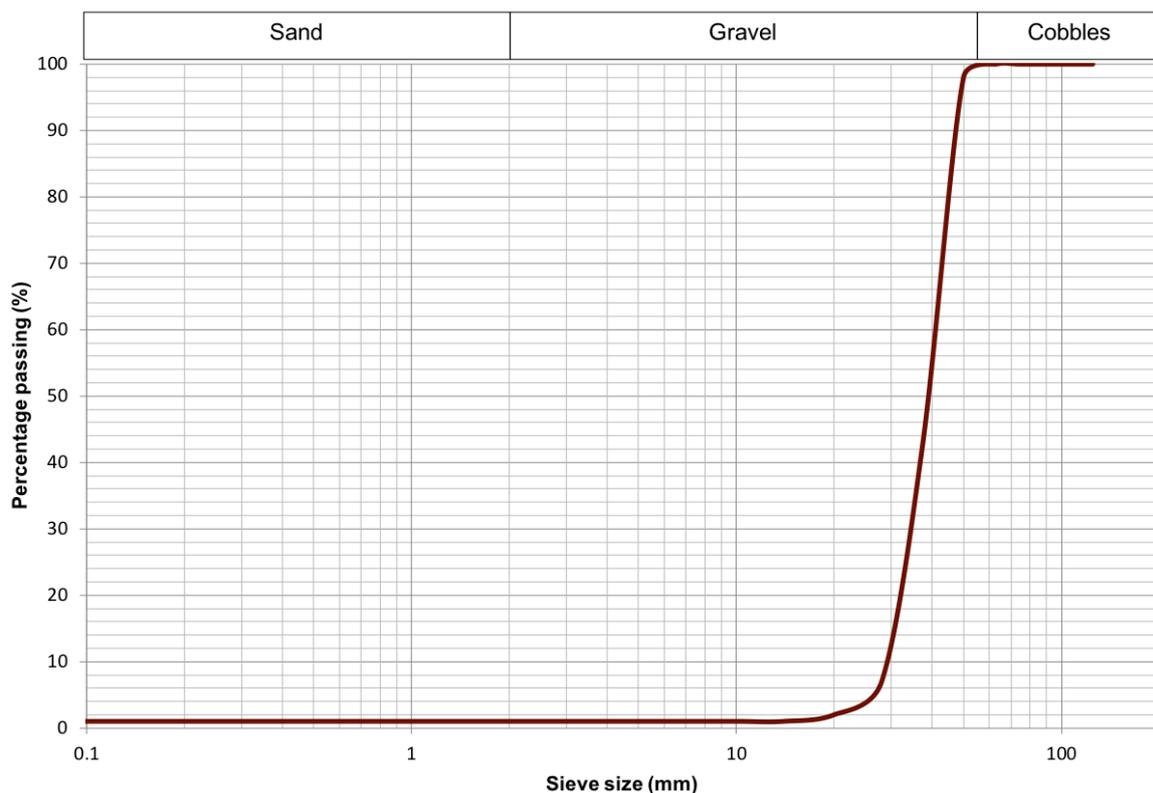


Geocell Red Lightweight Aggregate

Technical Data Sheet

Parameter	Declared value	Range	Standard
Grain size range	8 – 63 mm		DIN EN 933-1
Bulk density (hydrophilic) ^{A,B}	250 kg/m ³	212.5 – 287.5	DIN EN 1097-3 Annex D ^C
Angle of internal shearing resistance	42°		
Permeability	10 ⁻³ m/s		DIN 18130-1 (strongly permeable)
Dry bulk density	310 kg/m ³		DIN EN 1097-6 annex C ^D
Porosity	0.88		
Specific weight (hydrophilic)	4.5 kN/m ³		
Compressive strength	300 kN/m ²		

Particle size distribution^E



^A Intrinsic moisture 35%

^B Value within 15%

^C This European Standard, a part of the BS EN 1097 series, specifies the test procedure for the determination of the loose bulk density of dry aggregate and the calculation of the voids.

^D Tests for mechanical and physical properties of aggregates. Determination of particle density and water absorption

^E Test in accordance with BS 1377-2:1990