

8/16 Sand

Size range 2.00 – 1.00mm

Source: Leighton Buzzard, Bedfordshire
 Geology: Lower Greensand of the Cretaceous period
 Composition: Quartz
 Grain Shape: Sub-angular to Rounded

Mechanical Analysis

Sieve Size	Typical Grading % Retained	% Cumulative Retained	Specification
2.36	Trace	Trace	0 – 0.5
2.00	1.5	1.5	0 – 5
1.70	18.0	19.5	0 – 35
1.40	35.5	55.0	25 – 80
1.18	29.5	84.5	70 – 95
1.00	13.5	98.0	95 – 100
0.85	2.0	100	99 - 100

Specification in bold

Colour	Brown
Specific Gravity	2.65
Uncompacted Bulk Density	1.56
Nominal Effective size	1.05 – 1.27
Uniformity Co-efficient	<1.4

Chemical Analysis

		%
Silica	SiO₂	92.60
Alumina	Al₂O₃	0.08
Titania	TiO₂	0.03
Iron	FE₂O₃	6.458
Magnesium	MgO	<0.01
Calcium	CaO	0.01
Sodium	Na₂O	<0.01
Potassium	K₂O	<0.01
Phosphate	P₂O₅	0.01
Manganese	MnO₂	<0.005
Chromium	Cr₂O₃	0.024
Loss on Ignition	L on I	0.64

The above figures only relate to one specific test.

This sand is **ISO 9001:2000** accredited.

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www.irwin-aggregates.com

Irwins Quality Aggregates 55 Gortgonis Road, Coalisland, Co. Tyrone, BT71 4QG
 Tel: 028 87 740362 Fax: 028 87 747473