



Aggregates

Sr. No	Description of Test	Test Method
1	Sampling of Aggregate	ASTM D 75
2	Particle Size Distribution (Wet / Dry Sieving)	BS 812 Part 103.1
3	Flakiness Index of Aggregates	BS 812 Part 105.1
4	Elongation Index of Aggregates	BS 812 Part 105.2
5	Shell Content in Coarse Aggregates	BS 812 Part 106, BS EN 933 Part 7
6	Aggregate Crushing Value	BS 812 Part 110
7	Ten Percent Fines Value	BS 812 Part 111
8	Aggregate Impact Value	BS 812 Part 112
9	Soundness of Aggregates by the Use of Sodium Sulphate and Magnesium Sulphate	ASTM C 88, BS 812 Part 121
10	Materials Finer than 75 μ m Sieve (Fines Passing No. 200) in Mineral Aggregates by Washing	ASTM C 117
11	Specific Gravity & Water Absorption of Coarse Aggregates	ASTM C 127

12	Specific Gravity & Water Absorption of Fine Aggregates	ASTM C 128
13	Sieve Analysis of Fine and Coarse Aggregates	ASTM C 136
14	Resistance to Degradation of Small Size or Large Size Coarse Aggregates by Abrasion and Impact	ASTM C 131, ASTM C 535
15	Clay Lumps & Friable Particles	ASTM C 142
16	Specific Gravity & Absorption	BS 812 Part 2
17	Particle Density of Fillers	BS 812 Part 2
18	Sand Equivalent Value	ASTM D 2419
19	Rock Armour Grading Analysis	CIRIA SP / CUR 154
20	Unconfined Compressive Strength of Intact Rock Core Specimens	ASTM D 2938 / ASTM D 4543
21	Point Load Index Tests	ASTM D 5731, ISRM
22	Fully Crushed Faces of Aggregates	DM 300
23	Partially Crushed Faces of Aggregates	DM 301 / DMS - 8
24	Compaction Fraction	IHTP-01
25	Drying Shrinkage (Masonry)	BS 6073 Part 1
26	Drying Shrinkage	BS 812 Part 120, BS EN 1367 Part 4

27	Sieve Analysis of Mineral Filler	ASTM D 546
28	Bulkage Factor	IHTP-34
29	Bulk Density	BS 812 Part 2
30	Determination of Moisture Content	BS 812 Part 109
31	Weight Distribution of Quarried Stone (Rock Grading)	CIRIA SP / CUR 154, BS EN 13383-2
32	Shape Index (Length-to-Thickness Ratio of Quarried Stone)	CIRIA SP / CUR 154, BS EN 13383-2
33	Drop Test Breakage Index	CIRIA SP / CUR 154, BS EN 13383-2
34	Water Absorption at Atmospheric Pressure	CIRIA SP CUR 154, BS EN 13383-2
35	Density of Rocks with a Volume of at Least 50 ml.	CIRIA SP CUR 154, BS EN 13383-2
36	Bulk Density (unit weight) and Voids in Aggregate	ASTM C 29 / C29M
37	Materials Finer than 63µm in Mineral Aggregates	BS EN 933 Part 1
38	Los Angeles Abrasion Test	BS EN 1097 Part 2
39	Particle Size Distribution of Soil	ASTM D 422
40	Density of Coarse Aggregates & Water Absorption	CIRIA SP - 1983 / CUR 154 - 1991
41	Particle Size Distribution	CIRIA SP / CUR 154
42	Content / Sieve Analysis of Extracted Aggregates	CIRIA SP / CUR 154

43	Resistance to Wearing	CIRIA SP / CUR 154
44	Specific Gravity	CIRIA SP / CUR 154
45	Point Load Index	CIRIA SP / CUR 154
46	Unconfined Compressive Strength	CIRIA SP / CUR 154
47	Impact Test	CIRIA SP / CUR 154
48	Crushing Value	CIRIA SP / CUR 154