



Hardened Concrete

Sr. No	Description of Test	Test Method
1	Compressive Strength of Concrete Cubes	BS 1881 Part 116, BS EN 12390 Part 3
2	Density of Concrete Cubes	BS 1881 Part 114
3	Dimension of Pre-cast Concrete Masonry Units	BS 6073 Part 1, BS EN 772 Part 16
4	Compressive Strength of Pre-cast Concrete Masonry Units	BS 6073 Part 2, BS EN 772 Part 1
5	Dimension of Pre-cast Concrete Paving Blocks	BS 6717 Part 1, BS EN 772 Part 16
6	Compressive Strength of Pre-cast Concrete Paving Blocks	BS 6717 Part 1, BS EN 772 Part 1
7	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (RCP)	ASTM C 1202
8	Water Absorption of Hardened Concrete	BS 1881 Part 122
9	Depth of Penetration of Water Under Pressure	BS EN 12390 Part 8, DIN 1048 Part 5
10	Recommendations for the Determination of the Initial Surface Absorption of Concrete (ISAT)	BS 1881 Part 208
11	Method of Normal Curing of Test Specimens (20°C method)	BS 1881 Part 111

12	Transverse Strength of Kerbstone	BS 7263 Part 1
13	Water Absorption of Kerbstone	BS 7263 Part 1
14	Compressive Strength of Concrete Cores	BS 1881 Part 120
15	Compressive Strength of Concrete Cylinders	ASTM C 39 / C39M
16	Flexural Strength of Concrete Beam	BS 1881 Part 118
17	Tensile Splitting Strength	BS 1881 Part 117, ASTM C 496 / C 496M
18	Modulus of Elasticity of Cylinder	ASTM C 469
19	Chloride Migration Coefficient	NT Build 492
20	Chloride Diffusion Coefficient	NT Build 355
21	Porosity of Hardened Concrete (Absorption in Vacuum)	Rilem CPC 11.3
22	Compressive Strength & Water Absorption of Cover Block	BS EN 196 / Applicable Procedure
23	Drying Shrinkage of Autoclaved Aerated Concrete	BS EN 680
24	Compressive Strength of Masonry Prisms	ASTM C 1314
25	Compressive Strength of Concrete (using rebound hammer)	BS EN 12504 Part 2
26	Pulse Velocity Through Concrete	BS 1881 Part 203, BS EN 12504 Part 4

27	Moisture Content of Autoclaved Aerated Concrete Units	BS EN 772-10
28	Compressive Strength of Masonry Units	BS EN 772 Part 1
29	(Net / Gross) Dry Density of Masonry Units	BS EN 772 Part 13
30	Dimension of Masonry Units	BS EN 772 Part 16, ASTM C 1386
31	Drying Shrinkage of Masonry Units	ASTM C 426
32	Compressive Strength of Concrete Masonry Blocks	ASTM C 140
33	Density and Water Absorption of Concrete Masonry	ASTM C 140
34	Bulk/Apparent Density of Masonry Units	ASTM C 140, BS EN 772 Part 4
35	Compressive Strength of AAC Blocks	BS EN 772 Part 1
36	Dimension of AAC Blocks	BS EN 772 Part 16
37	Compressive Strength of Grout Cube	ASTM C 579
38	Surface Texture of Interlocking Concrete Blocks	IHTP-27
39	Tensile Splitting Strength of Paving Blocks	BS 6717 Annex E, BS EN 1338
40	Flexural Strength on Concrete Pavers	ASTM C 140 / AS/NZS 4456.5
41	Transverse Strength of Unreinforced Concrete and Clayware Covers	BS 2484 Appendix B

42	Water Absorption of Autoclaved Aerated Concrete Masonry Units	BS EN 772 Part 11
43	Compressive Strength of Precast Autoclaved Aerated Concrete (AAC) Wall Construction Units	BS EN 772 Part 11, ASTM C 1386
44	Compressive Strength (Structural Clay Tile)	ASTM C 67
45	Density, Absorption and Voids in Hardened Concrete	ASTM C 642
46	Flexural Tensile Strength	BS EN 14651
47	Measurement of Abrasion Resistance	BS EN 1338, Annex G
48	Skid Resistance	BS EN 1338, Annex I, BS EN 1339, Annex I
49	Slip Resistance/ Static Coefficient of Friction (Tile)	ASTM C1028
50	Solar Reflective Index	ASTM E 1980
51	Thermal Conductivity in Block	ASTM C 518, BS EN ISO 6946