

Documents Master List

Concrete

ASTM C172	Site Sampling Report
ASTM C39	Compressive Strength of Cylindrical Concrete Specimens
ASTM D75	Sampling & Test Report
BS EN 12390-3	Compressive Strength of Concrete Test specimens
ASTM C1202	RCP (Electrical indication of concrete ability to resist chloride ion penetration)
BS EN 12504-1	Compressive strength of concrete cores -
BS EN 1881-122	Water absorption of concrete ,
BS EN 12390-8	Water permeability
(BS EN 12504-4)	Determination of Ultrasonic Pulse Velocity By Indirect Method
BS EN 1744-1	Acid Soluble Sulfate
BS 1881-204	Use of Electro Magnetic Covermeters,
NT BUILD 492	Chloride Migration Co-efficient from Non Steady - state Migration
BS 1881-124	Acid Soluble Chloride & Sulfate Content in Concrete,
BS 1881-124	Acid Soluble Sulfate Content in Concrete,
ASTM C309 (Clause 10.1)/ C156	Water Loss Through Liquid Membrane-Forming Curing Compounds for Concrete
BS EN 13964 (Clause 5)	Loading Capacity of Substructures Components ,
ASTM C426	Determination of Drying Shrinkage by
BS EN 12350-6	Fresh Concrete Density Test,
ASTM C413	Absorption of Chemical Resistant Mortars, Grouts and Polymer Concretes -
AASHTO TP95	Surface Resistivity of Concrete,
ASTM C78	Flexural Strength of Concrete,
BS EN 196-1 & BS EN 15167-1	Determination of Strength -
ASTM C192, C143, C231, C78 & C39	Lab Trial Mix Summary -
ASTM C272	Water Absorption of Core Materials for Sandwich Constructions-
BS EN 13892-2 / 196-1	Determination of Strength
ASTM C940	Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory
BS EN 1015-11 / 196-1	Determination of Strength
ASTM C642	Hardened Concrete Porosity

Aggregate

BS EN 933-1	Sampling & Test Report
ASTM C127	, Specific Gravity & Water Absorption of Aggregate
ASTM C128	Specific Gravity & Water Absorption of Fine Aggregate
ASTM C29	Bulk Density in Aggregate
ASTM C 88	Soundness of Aggregate
BS EN 1744-5	Acid Soluble Chloride in Aggregate
ASTM C29	Bulk Density (Unit Weight) & Voids Content in Aggregate
ASTM C142	Clay Lumps & Friable Particles
BS EN 1097-6	(Clause 8) Determination of Particle Density & Water Absorption (Pycnometer Method for 4mm-31.5mm Aggregate)
BS EN 1097-6	(Clause 9) Determination of Particle Density & Water Absorption (Pycnometer Method for 0.063mm to 4mm Aggregate)
BS EN 933-3	Determination of Particle Shape - Flakiness Index
BS EN 933-1	Sieve Analysis & Dust Content
ASTM C123	Light Weight Pieces (Coarse Aggregates)
ASTM C40	Organic Impurities of Aggregate
BS EN 933-7	Determination of Geometrical Properties - Shell Content
ASTM C88	-Soundness of Aggregates by Magnesium Sulfate

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BS EN 933-1	Aggregate Particle Size Distribution- Sieving Method,
BS EN 12504-4	Determination of Ultrasonic Pulse Velocity By Direct Method
N/A	Conformity Assessment of Concrete Compressive Strength
ASTM C192	Concrete Trial Mix
ASTM D1556	Density and Unit Weight of Soil in Place by Sand-Cone
ASTM C131 & C535	Resistance to Degradation by Los Angeles Machine
BS EN 933-9	Methylene Blue Test,
ASTM D2419	Sand equivalent value of soils & fine aggregate -
BS EN 933-4	Particle Shape Index,
BS 812-110	Aggregate Crushing Value, (Size 14mm to 10mm)
BS 812-111	Ten Percent Fines Value, (Size 14mm to 10mm)
BS 812-112	Aggregate Impact Value (Size 14mm to 10mm)
ASTM C289	Potential Alkali-Silica Reactivity of Aggregate,
BS EN 1367-4	Dry Shrinkage (Aggregate)
ASTM C127	Density, Relative Density of Aggregate,
ASTM C128	Density,Relative Density (Specific Gravity) & Absorption of Fine Aggregate)
ASTM C566	Total Evaporable Moisture Content of Aggregate by Drying
Soil & Asphalt	
ASTM D1557	Laboratory compaction characteristics of soil using modified effort (2700 kn-m/m ³)
ASTM D1195	Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements
ASTM D7830	In-place density (Unit weight) and water content of soil by Electromagnetic soil density gauge,
ASTM D979 & BS EN 12697-13	Asphalt Sampling Report,
ASTM C1754	Density and Void Content of Hardened Pervious Concrete,
ASTM D3549	Thickness of Asphalt specimens -
ASTM D5361 & D2726	Bulk Specific Gravity or Density of Non-Absorptive Bituminous Mixtures
ASTM D2041	Theoretical Maximum Specific Gravity & Density of Bituminous Paving Mixtures,
ASTM D2172, ASTM C117, ASTM D 5444	Binder Content & Sieve Analysis of Bituminous Mixture,
ASTM D6927	Resistance to plastic flow of bituminous Mixtures Using Marshall Apparatus ,
ASTM D2726	Bulk Specific Gravity or Density of Non-Absorptive Bituminous Mixtures
BS 1377-3:1990	Acid Soluble Chloride Content in Soil,
BS 1377-3:1990	Acid Soluble Sulfate Content in Soil,
BS 1377-3:1990	pH Value in Soil,
ASTM D1883	California Bearing Ratio (CBR) of Laboratory Compacted Soil,
ASTM D D4318	Liquid Limit, Plastic Limit & Plasticity Index of Soils,
BS EN 1377-2	Casagrande Apparatus Method
BS 1377-3	Organic Matter in Soil,
ASTM D854	Specific Gravity of Soils by Water Pycnometer -
ASTM D422	Particle Size Analysis of Soils -
BS EN 1377-2	Sieve Analysis of Soil
ASTM C136 & C117	Sieve Analysis of Fine and Coarse Aggregates
ASTM D4791	Determination of Flat and Elongated Particles
ASTM D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate
ASTM C805 / BS EN 12504-2	Determination of Rebound number by Rebound hammer
ASTM D2216	Moisture Content of Soil,
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ASTM C109 & C187	Physical testing of Cement
ASTM C114, C150 & BS EN 196-2	Chemical Analysis of Cement -
ASTM C109	Compressive Strength of Hydraulic Cement Mortars ,
ASTM C187	Normal consistency of hydraulic cement paste ,
ASTM C191	Time of setting of hydrolic cement by vicat needle ,
ASTM C204	Fineness of cement
ASTM C188	Density of Hydraulic Cement
ASTM C430	Fineness of Hydraulic Cement by the 45-µm Sieve ,
ASTM 1240/ C114	Full Chemical Analysis of Micro Silica,
ASTM C109 & C1240	Compressive Strength of Cement Mortar & Silica Fume as per
ASTM C109 & ASTM C618	Compressive Strength of Hydraulic Cement Mortars (Strength Activity Index),
ASTM C114, ASTM C989, BS EN 196-2 & BS EN	Chemical Analysis of GGBS,
BS EN 196-3	Determination of Setting times,
BS EN 196-3	Soundness test of Cement
ASTM C185	Air Content of Hydraulic Cement Mortar
BS EN 196-3	Standard Consistence of Hydraulic cement
ASTM C150	Cement Testing Summary
BS EN 197-1	Cement Testing Summary
ASTM C151	Autoclave Expansion of Hydraulic Cement
BS EN 196-2	Chemical Analysis of Cement
ASTM C114 & C150	Chemical Analysis of Cement
ASTM C1240	Bulk Density of Silica Fume,
ASTM C618,ASTM C311, ASTM C114	Chemical Analysis of Fly Ash,
BS EN 196-6	Fineness of Cement by Air Permeability,
Masonry Units	
ASTM C140	Compressive Strength of Masonry Units ,
BS EN 1340	Bending Strength of Kerb Units - (Annex F)
BS EN 1338 (Annex F)	Measurement of tensile strength of concrete paving block ,
BS EN 1340 (Annex E)	Water Absorption of Kerb Units,
ACI 216.1-97	Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies
BS EN 772-1, 772-16, 772-20	Compressive Strenght of Masonry Units,
BS EN 772-11 , 772-21	Water absorption of masonry units
ASTM C140	Compressive Strenght of Masonry Units/Interlock,
ASTM C140	Sampling & Testing Concrete Masonry Units & Related Unit Interlock Water Absorption, (Annex A4.4)
BS EN 1339	Breaking Load of Flags - (Appendix F)
ASTM C90	Standard Specification for Loadbearing Concrete Masonry Units
ASTM C936	Specification for Concrete Interlocking Paving Units,
BS EN 1339	Water Absorption of Flags, (Annex E)
ASTM C129	Standard Specification for Nonloadbearing Concrete Masonry Units
ASTM C140	Water Absorption of Concrete Masonry Units,
ASTM C203	Breaking Load and Flexural Properties of Block, Type Thermal Insulation -
ACI 122	Thermal Properties of Concrete & Masonry Systems
Misc.	
ASTM C1602	Mixing Water Used in the Production of Hydraulic Cement Concrete

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ASTM C494 & BS EN 480-8	Admixture test
ASTM C1378	Determination of Resistance to staining ,
ASTM C373	water absorption , bulk density , apparent porosity and apparent specific gravity of fired white ware products , ceramic tiles
ASTM D7264	Flexural properties of polymer matrix composite materials ,
ASTM D2369	Non Volatile & Volatile content of Coating,
ASTM D2842	Water Absorption of Rigid Cellular Plastic,
ASTM D1622	Apparent Density of Rigid Cellular Plastic,
BS 1881-207	Bonding/Tensile Strength by Pull of Method
N/A	Aggregate Testing & Evaluation Summary
N/A	Aggregate Testing & Evaluation Summary - Sand
ASTM D5630	Ash Content in Plastic,
ASTM C171 , C156 & E96	Water Vapor Transmition ,
In-House Method	Penetration Depth of Sealent (
ASTM D7234	Bonding/Tensile Strength by Pull of Method,
BS 1427, BS 1377-3 & ASTM C1602	Chemical Analysis of Water,
BS 1881-207	Pull-off Test-
BS 1881-207/ASTM D7234	Pull-off Test-
BS EN 13121-3	Visual & Dimensional Inspection of GRP tanks
ASTM D1621	Compressive Strength of Rigid Celluler Plastics,
BS EN 196-1	Determination of strength,
ASTM C578	Rigid Cellular Polystyrene Thermal Insulation Summary
ASTM D1621	Compressive Strength of Rigid Celluler Plastics,
ASTM D2126	Response of Rigid Cellular Plastics to Thermal and Humid Aging,
ASTM C1505	Determination of Breaking Strength of Ceramic Tiles by Three-Point Loading