

ASTM Volume 04.02, October 2025

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R0031 Metric Practice Guide for Concrete and Concrete Aggregates (This is not an ASTM standard; available as PDF, only)

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R0030 Manual of Aggregate and Concrete Testing (This is not an ASTM standard; available as PDF, only)

C796/C796M-19 Standard Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam

C309-19 Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

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C1602/C1602M-22 Standard Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete

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C1723-16(2022) Standard Guide for Examination of Hardened Concrete Using Scanning Electron Microscopy

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C939/C939M-22 Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)

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C142/C142M-17(2023) Standard Test Method for Clay Lumps and Friable Particles in Aggregates

C1073-18(2023) Standard Test Method for Hydraulic Activity of Slag Cement by Reaction with Alkali

C1621/C1621M-17(2023) Standard Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring

C1701/C1701M-17a(2023) Standard Test Method for Infiltration Rate of In Place Pervious Concrete

C617/C617M-23 Standard Practice for Capping Cylindrical Concrete Specimens

C873/C873M-23 Standard Test Method for Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds

C1231/C1231M-23 Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens

C1758/C1758M-23 Standard Practice for Fabricating Test Specimens with Self-Consolidating Concrete

C1810/C1810M-23 Standard Guide for Comparing Performance of Concrete-Making Materials Using Mortar Mixtures

C117-23 Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing

C1260-23 Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)

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C123/C123M-23 Standard Test Method for Lightweight Particles in Aggregate

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C1077-24 Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation

C1293/C1293M-23a Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction

C1803/C1803M-23 Standard Guide for Abrasion Resistance of Mortar Surfaces Using a Rotary Platform Abraser

C900-23 Standard Test Method for Pullout Strength of Hardened Concrete

C512/C512M-24 Standard Test Method for Creep of Concrete in Compression

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C989/C989M-24 Standard Specification for Slag Cement for Use in Concrete and Mortars

C231/C231M-24 Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method

C670-24a Standard Practice for Preparing Precision and Bias Statements for Test Methods for Construction Materials

C1882/C1882M-24 Standard Specification for Anti-washout Admixtures for Concrete

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C1040/C1040M-24 Standard Test Methods for In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods

C39/C39M-24 Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens

C823/C823M-24 Standard Practice for Examination and Sampling of Hardened Concrete in Constructions

C1798/C1798M-24 Standard Specification for Returned Fresh Concrete for Use in a New Batch of Ready-Mixed Concrete

C173/C173M-24a Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method

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C1933/C1933M-24 Standard Test Methods for Floor Patching and Skim Coating Compounds Containing Hydraulic Cements

C138/C138M-24a Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete

C494/C494M-24 Standard Specification for Chemical Admixtures for Concrete

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C1740-24 Standard Practice for Evaluating the Condition of Concrete Plates Using the Impulse-Response Method

C979/C979M-24 Standard Specification for Pigments for Integrally Colored Concrete

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C953-24 Standard Test Method for Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory

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C1339/C1339M-24 Standard Test Method for Flowability and Bearing Area of Chemical-Resistant Polymer Machinery Grouts

C1581/C1581M-24 Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage

C1741-24 Standard Test Method for Bleed Stability of Cementitious Post-Tensioning Tendon Grout

C1622/C1622M-24 Standard Specification for Cold-Weather Admixture Systems

C341/C341M-24 Standard Practice for Preparation and Conditioning of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete Used for Length Change Measurements

C457/C457M-24 Standard Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete

C938-24 Standard Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete

C1697-24 Standard Specification for Blended Supplementary Cementitious Materials

C1582/C1582M-24 Standard Specification for Admixtures to Inhibit Chloride-Induced Corrosion of Reinforcing Steel in Concrete

C94/C94M-24c Standard Specification for Ready-Mixed Concrete

C1138/C1138M-24 Standard Test Method for Abrasion Resistance of Concrete (Underwater Method)

C157/C157M-24e1 Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete

C192/C192M-24 Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory

C1059/C1059M-24 Standard Specification for Latex Agents for Bonding Fresh To Hardened Concrete

C125-24 Standard Terminology Relating to Concrete and Concrete Aggregates

C1451-24 Standard Practice for Determining Variability of Concrete-Making Materials From a Single Source

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C31/C31M-24c Standard Practice for Making and Curing Concrete Test Specimens in the Field

C260/C260M-24 Standard Specification for Air-Entraining Admixtures for Concrete

C702/C702M-24 Standard Practice for Reducing Samples of Aggregate to Testing Size

C869/C869M-24 Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete

C1610/C1610M-24 Standard Test Method for Static Segregation of Self-Consolidating Concrete Using Column Technique

C233/C233M-24 Standard Test Method for Air-Entraining Admixtures for Concrete