



TECHNICAL TESTING

Completed Testing

Report Source

ASTM C39 Test Method for Compressive Strength of Cylindrical Concrete Specimens

CTLGroup

ASTM C78 Test Method for Flexural Strength of Concrete

CTLGroup

ASTM C157 Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete

PSI

ASTM C177 Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded Hot-Plate Apparatus

Netzsch

ASTM C234 Standard Test Method for Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel

CTLGroup

ASTM C457 Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete

CTLGroup

ASTM C469 Standard Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression

CTLGroup, WJE

ASTM C496 Standard Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens

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ASTM C512 Test Method for Creep of Concrete in Compression

CTL Engineering with Analysis by CTL Group

ASTM C642 (Modified) Test Method for Density, Absorption and Voids in Hardened Concrete

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ASTM C666 (Procedures A & B) Test Method for Resistance of Concrete to Rapid Freezing and Thawing

CTLGroup, WJE
Applied Testing and Geosciences, LLC
AET

ASTM C672 Test Method for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals

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ASTM C856 Standard Practice for Petrographic Examination of Hardened Concrete

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ASTM C1262 Test Method for Evaluating the Freeze Thaw Durability of Manufactured Concrete Masonry Units and Related Concrete Units

WCCT

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Completed Testing

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ASTM C1363 Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus

NCTL (2009)

ASTM C1524 Test Method for Water Extractable Chloride in Aggregate

CTLGroup

ASTM C1581 Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete Under Restrained Shrinkage

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ASTM E90 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

Architectural Testing Inc.

ASTM E119 (ANSI/UL®263 – CAN/ULC® S101) Fire Test of Building Construction and Materials
UL Design No. D974; ULC Design No. F915; UL Design No. U936; ULC Design No. U914

Underwriters Laboratories Inc.
Underwriters Laboratory of Canada

ASTM E136 Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C

Intertek

ASTM F1869 Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

CTLGroup

ASTM F2170 Test Method for Determining Relative Humidity in Concrete Floor Slabs Using *in Situ* Probes

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