



CERTIFICATE OF ACCREDITATION

This is to attest that

CONCRETE MASONRY & HARDSCAPES ASSOCIATION RESEARCH AND DEVELOPMENT LABORATORY

13750 SUNRISE VALLEY DRIVE
HERNDON, VIRGINIA 20171, U.S.A.

Testing Laboratory TL-362

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date August 21, 2023



A handwritten signature in black ink, reading "Raj Nathan".

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

CONCRETE MASONRY & HARDSCAPES ASSOCIATION RESEARCH AND DEVELOPMENT LABORATORY

www.masonryandhardscapes.org/

Contact Name Timothy Jones

Contact Phone +1-571 224 0942

Accredited to ISO/IEC 17025:2017

Effective Date August 21, 2023

CMT	
ASTM C29/C29M	Standard test method for bulk density ("unit weight") and voids in aggregate
ASTM C39	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C40/C40M	Standard test method for organic impurities in fine aggregates for concrete
ASTM C109/C109M	Standard test method for compressive strength of hydraulic cement mortars (using 2-in. or [50-mm] cube specimens)
ASTM C117	Standard test method for materials finer than 75- μ m (no. 200) sieve in mineral aggregates by washing
ASTM C127	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate
ASTM C128	Standard test method for relative density (specific gravity) and absorption of fine aggregate
ASTM C136/C136M	Standard test method for sieve analysis of fine and coarse aggregates
ASTM C140/C140M	Standard test methods for sampling and testing concrete masonry units and related units
ASTM C142/C142M	Standard test method for clay lumps and friable particles in aggregates
ASTM C157	Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete
ASTM C185	Standard test method for air content of hydraulic cement mortar
ASTM C305	Standard practice for mechanical mixing of hydraulic cement pastes and mortars of plastic consistency
ASTM C418	Standard Test Method for Abrasion Resistance of Concrete by Sandblasting
ASTM C426	Standard test method for linear drying shrinkage of concrete masonry units
ASTM C482	Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement Paste (as modified by ASTM 1670, excluding section 9.3)

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ASTM C666	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing
ASTM C780	Standard test method for preconstruction and construction evaluation of mortars for plain and reinforced unit masonry
ASTM C1019	Standard test method for sampling and testing grout
ASTM C1072	Standard test methods for measurement of masonry flexural bond strength
ASTM C1093	Standard Practice for Accreditation of Testing Agencies for Masonry
ASTM C1194	Standard Test Method for Compressive Strength of Architectural Cast Stone
ASTM C1195	Standard Test Method for Absorption of Architectural Cast Stone
ASTM C1262	Standard test method for evaluating the freeze-thaw durability of dry-cast segmental retaining wall units and related concrete units
ASTM C1314	Standard test method for compressive strength of masonry prisms
ASTM C1364	Standard Specification for Architectural Cast Stone (excluding sections 5.3 and 5.4)
ASTM C1506	Standard test method for water retention of hydraulic cement-based mortars and plasters
ASTM C1645	Standard test method for freeze-thaw and de-icing salt durability of solid concrete interlocking paving units
ASTM C1670	Standard Specification for Adhered Manufactured Stone Masonry Veneer Units
ASTM D6638	Standard test method for determining connection strength between geosynthetic reinforcement and segmental concrete units (modular concrete blocks)
ASTM D6916	Standard test method for determining the shear strength between segmental concrete units (modular concrete blocks)
ASTM E514/E514M	Standard test method for water penetration and leakage through masonry
ASTM E518/E518M	Standard test methods for flexural bond strength of masonry
ASTM E519/E519M	Standard test method for diagonal tension (shear) in masonry assemblages
TMS 0302	Standard method for determining the sound transmission class rating for masonry walls (only section 7.3)
Structural	
ASTM C67	Standard test methods for sampling and testing brick and structural clay tile
ASTM E72	Standard test methods of conducting strength tests of panels for building construction (testing is limited to Section 11 and Section 12)

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TMS: The Masonry Society

