

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION

Laboratory Certificate



11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

This certifies that Nemo ETC, LLC, located at 10 Mauney Ct., Columbia, SC 29201 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

TAS101	TAS131 (Excludes ASTM D1149)
TAS102	TAS202
TAS102 (A)	TAS203
TAS103	ASTM C1167
TAS104	ASTM D3462 (Excludes ASTM D3161 & E108)
TAS105	ASTM D4434
TAS105 (A)	ASTM D4637 (Excludes ASTM D1149)
TAS109 (A)	ASTM D5019 (Excludes ASTM D1149)
TAS110 (Only standards referenced in this cert.)	ASTM D5147
TAS111 (C)	ASTM E488 (Excludes seismic tests)
TAS114 Appendix C, D, F, G, H, I, & J	IAS Report TL-199
TAS117 (A, B & C)	
TAS124	

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Robert Nieminen, P.E.

This Certification and Registration Approved: April 7, 2022

This Certification and Registration Expires : October 26, 2026

Certification No. : 21-1115.01 Revises: 21-0914.01

A handwritten signature in blue ink, appearing to read "Helmy A. Makar".

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section

A handwritten signature in blue ink, appearing to read "Americo Segura".

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County *Department of Regulatory and Economic Resources* reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol T AS301-94.



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest that

NEMO ETC, LLC

10 MAUNEY COURT
COLUMBIA, SOUTH CAROLINA 29201, U.S.A.

Testing Laboratory TL-199

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 December 19, 2021



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

NEMO ETC, LLC

www.NEMOETC.com

Contact Name Michael Aitchison

Contact Phone +1-203-262-9245

Accredited to ISO/IEC 17025:2017

Effective Date December 19, 2021

Environmental	
ASTM C1442	Standard practice for conducting tests on sealants using artificial weathering apparatus (sections 7.2 and 7.3 only)
ASTM C1519	Standard test method for evaluating durability of building construction sealants by laboratory accelerated weathering procedures (section 6.5 only)
ASTM D618	Standard practice for conditioning plastics for testing
ASTM D904	Standard practice for exposure of adhesive specimens to artificial light
ASTM D1669	Practice for Preparation of Test Panels for Accelerated and Outdoor Weathering of Bituminous Coatings
ASTM D1670	Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials
ASTM D2126	Standard test method for response of rigid cellular plastics to thermal and humid aging
ASTM D2565	Standard practice for xenon-arc exposure of plastics intended for outdoor applications
ASTM D3045	Standard practice for heat aging of plastics without load
ASTM D4459	Standard practice for xenon-arc exposure of plastics intended for indoor applications
ASTM D4798/D4798M	Standard practice for accelerated weathering test conditions and procedures for bituminous materials (xenon-arc method)
ASTM D4799	Standard Practice for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Fluorescent UV, Water Spray, and Condensation Method)
ASTM D5869/D5869M	Practice for Dark Oven Heat Exposure of Roofing and Waterproofing Materials
ASTM D6695	Standard practice for xenon-arc exposures of paint and related coatings
ASTM D6904	Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied on Masonry

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ASTM D7051	Test Method for Cyclic Thermal Shock of SBSModified Bituminous Roofing Sheets with Factory-Applied Metal Surface
ASTM G26	Practice for operating light-exposure apparatus (xenon arc type) with and without water for exposure of nonmetallic materials
ASTM G151	Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
ASTM G154	Standard practice for operating fluorescent ultraviolet (UV) lamp apparatus for exposure of nonmetallic materials
ASTM G155	Standard practice for operating xenon arc light apparatus for exposure of non-metallic materials
ISO 2578	Determination of Time-Temperature Limits After Exposure to Prolonged Action of Heat
Mechanical	
AAMA 502	Voluntary specification for field testing of newly installed fenestration products
ANSI FM 4474	Evaluating the simulated wind uplift resistance roof assemblies using static positive and/or negative differential pressures (appendix D)
ASTM D5206	Standard test method for windload resistance of rigid plastic siding
ASTM E283	Standard test method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen
ASTM E330/E330M	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E331	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference
ASTM E488/E488M	Standard test methods for strength of anchors in concrete elements (unconfined tension and shear only) (except for ASTM C39 concrete compression strength)
ASTM E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E907	Standard test method for field testing uplift resistance of adhered membrane roofing systems
ASTM E1105	Standard test method for field determination of water penetration of installed exterior windows, skylights, doors, and curtain walls, by uniform or cyclic static air pressure difference
ASTM E1233	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential
ASTM E2178	Standard test method for air permeance of building materials

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ASTM E2357	Standard test method for determining air leakage of air barrier assemblies
CAN/CSA A123.23	Product specification for polymer modified bitumen sheet, prefabricated and reinforced
FM 4454	Lightweight insulating concrete for use in class 1 and noncombustible roof constructions (appendix D)
FM 4470	Standard for single-ply, polymer-modified bitumen sheet, built-up roof (BUR), and liquid-applied roof assemblies for use in class 1 and noncombustible roof deck construction including Class 1-VSH test procedure (appendices C, D, F, and G)
SBCCI SSTD 11-99	Test standard card for determining wind resistance of concrete or clay roof tiles
TAS 101	Test procedure for static uplift resistance of mortar or adhesive set tile systems
TAS 102	Test procedure for static uplift resistance of mechanically attached, rigid, roof systems
TAS 102(A)	Test procedure for static uplift resistance of mechanically attached, clipped, rigid, roof systems
TAS 105	Test procedure for field withdrawal resistance testing
TAS 114	Test procedures for roof system assemblies in the high velocity hurricane zone jurisdiction
TAS 117 (A)	Test procedure for withdrawal resistance testing of mechanical fasteners used in roof system assemblies
TAS 117 (B)	Test procedure for dynamic pull-through performance of roofing membranes over fastener heads or fasteners with metal bearing plates
TAS 117 (C)	Test procedure for dynamic pull-off performance of roofing fastener heads or fasteners with bearing plates
UL 1897	Standard for uplift tests for roof covering systems
Physical	
AAMA 711	Voluntary specification for self-adhering flashing used for installation of exterior wall fenestration products
AAMA 800	Voluntary Specifications and Test Methods for Sealants (Only Sections 2.4.1.3.1 - 2.4.1.4.3, Test B)
AATCC 127	Water Resistance: Hydrostatic Pressure Test
ABAA T0004	Standard Test Method for Determining Gap Bridging Ability of Air and Water Resistive Barrier Materials
ASTM C109	Test Method for Compressive Strength of Cement Mortars (using 2-in. or [50mm] Cube Specimens

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ASTM C120/C120M	Standard test methods for flexure testing of structural and roofing slate
ASTM C121	Test Method for Water Absorption of Slate
ASTM C127	Standard test method for relative density (specific gravity) and absorption of coarse aggregate
ASTM C165	Standard test method for measuring compressive properties of thermal insulations
ASTM C167	Test Methods for Thickness and Density of Blanket or Batt Thermal Insulations
ASTM C203	Standard test methods for breaking load and flexural properties of block-type thermal insulation
ASTM C209	Standard test methods for cellulosic fiber insulating board (exclude Sections 9 and 17)
ASTM C217/C217M	Standard test method for weather resistance of slate
ASTM C271	Test Method for Density of Sandwich Core Materials
ASTM C272/C272M	Standard test method for water absorption of core materials for sandwich constructions
ASTM C297/C297M	Standard test method for flatwise tensile strength of sandwich constructions
ASTM C303	Standard test method for dimensions and density of preformed block and board-type thermal insulation
ASTM C365/C365M	Standard test method for flatwise compressive properties of sandwich cores
ASTM C393/C393M	Standard test method for core shear properties of sandwich constructions by beam flexure
ASTM C406/C406M	Standard specification for roofing slate
ASTM C473	Test Methods for Physical Testing of Gypsum Panel Products
ASTM C501	Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser
ASTM C550	Test Method for Measuring Trueness and Squareness of Rigid Block and Board Thermal Insulation
ASTM C578	Standard specification for rigid, cellular polystyrene thermal insulation (except thermal resistance and flame spread)
ASTM C719	Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)
ASTM C728	Standard specification for perlite thermal insulation board (except thermal resistance and flame spread)
ASTM C734	Standard Test Method for Low-Temperature Flexibility of Latex Sealants After Artificial Weathering

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ASTM C765	Standard Test Method for Low-Temperature Flexibility of Preformed Tape Sealants
ASTM C794	Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants
ASTM C836/C836M	Standard specification for high solids content, cold liquid-applied elastomeric waterproofing membrane for use with separate wearing course
ASTM C947	Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading)
ASTM C957/C957M	Standard specification for high-solids content, cold liquid-applied elastomeric waterproofing membrane with integral wearing surface
ASTM C1029	Standard specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation
ASTM C1167	Standard specification for clay roof tiles
ASTM C1177	Specification for Glass Mat Gypsum Substrate for Use as Sheathing
ASTM C1185	Standard test method for sampling and testing non-asbestos fiber-cement flat sheet, roof and siding shingles, and clapboards
ASTM C1186	Standard Specification for Flat Fiber-Cement Sheets (except for Surface Burn Characteristics)
ASTM C1225	Standard Specification for Fiber-Cement Roofing Shingles, Shakes, and Slates
ASTM C1250	Test Method for Nonvolatile Content of Cold Liquid-Applied Elastomeric Waterproofing Membranes
ASTM C1264	Specification for Sampling, Inspection, Rejection, Certification, Packaging, Marking, Shipping, Handling, and Storage of Gypsum Panel Products
ASTM C1288	Standard Specification for Fiber-Cement Interior Substrate Sheets
ASTM C1289	Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board (Except thermal resistance and flame spread)
ASTM C1305	Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane
ASTM C1306	Standard test method for hydrostatic pressure resistance of a liquid-applied waterproofing membrane
ASTM C1325	Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units (except for Mold Resistance and Surface Burn Characteristics)
ASTM C1375	Guide for Substrates Used in Testing Building Seals and Sealants
ASTM C1396/C1396M	Standard specification for gypsum board
ASTM C1492	Standard Specification for Concrete Roof Tile

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ASTM C1522	Standard Test Method for Extensibility After Heat Aging of Cold Liquid-Applied Elastomeric Waterproofing Membranes
ASTM C1763	Test Method for Water Absorption by Immersion of Thermal Insulation Materials
ASTM D4	Test Method for Bitumen Content
ASTM D5/D5M	Standard test method for penetration of bituminous materials
ASTM D36/D36M	Standard test method for softening point of bitumen (ring-and-ball apparatus)
ASTM D70	Test Method for density of Semi-Solid Bituminous Materials (Pycnometer Method)
ASTM D88	Test Method for Saybolt Viscosity
ASTM D92	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D95	Test Method for Water in Petroleum Products and Bituminous Materials by Distillation
ASTM D146/D146M	Standard test methods for sampling and testing bitumen-saturated felts and woven fabrics for roofing and waterproofing
ASTM D226	Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D228/D228M	Standard test methods for sampling, testing, and analysis of asphalt roll roofing, cap sheets, and shingles used in roofing and waterproofing
ASTM D412	Standard test methods for vulcanized rubber and thermoplastic elastomers—tension
ASTM D413	Test Methods for Rubber Property - Adhesion to Flexible Substrate
ASTM D471	Standard test method for rubber property—effect of liquids
ASTM D522/D522M	Test Methods for Mandrel Bend Test of Attached Organic Coatings
ASTM D562	Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer
ASTM D570	Standard test method for water absorption of plastics
ASTM D573	Standard test method for rubber—deterioration in an air oven
ASTM D624	Standard test method for tear strength of conventional vulcanized rubber and thermoplastic elastomers
ASTM D638	Standard test method for tensile properties of plastics
ASTM D645	Test Method for Thickness of Paper and Paperboard
ASTM D751	Standard test methods for coated fabrics

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ASTM D779	Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method
ASTM D816	Standard test methods for rubber cements (exclude Stability)
ASTM D828	Standard Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
ASTM D882	Test Method for Tensile Properties of Thin Plastic Sheeting
ASTM D903	Standard Test Method for Peel or Stripped Strength of Adhesive Bonds
ASTM D1004	Standard test method for tear resistance (graves tear) of plastic film and sheeting
ASTM D1037	Standard test methods for evaluating properties of wood-base fiber and particle panel materials [sections 21 through 33 (tension)], 34 through 40 (compression), and 41 through 67 (fastener values)]
ASTM D1133	Test Method for Kauri-Butanol Value of Hydrocarbon Solvents
ASTM D1204	Standard test method for linear dimensional changes of nonrigid thermoplastic sheeting or film at elevated temperature
ASTM D1475	Test Method For Density of Liquid Coatings, Inks, and Related Products
ASTM D1621	Standard test method for compressive properties of rigid cellular plastics
ASTM D1622/D1622M	Standard test method for apparent density of rigid cellular plastics
ASTM D1623	Standard test method for tensile and tensile adhesion properties of rigid cellular plastics
ASTM D1644	Standard Test Methods for Nonvolatile Content of Vanishes
ASTM D1653	Standard Test Methods for Water Vapor Transmission of Organic Coating Films
ASTM D1790	Standard test method for brittleness temperature of plastic sheeting by impact
ASTM D1876	Standard Test Method for Peel Resistance of Adhesives (T-Peel Test)
ASTM D1922	Standard test method for propagation tear resistance of plastic film and thin sheeting by pendulum method
ASTM D1970/D1970M	Standard specification for self-adhering polymer modified bituminous sheet materials used as steep roofing underlayment for ice dam protection
ASTM D2136	Standard test method for coated fabrics—low-temperature bend test
ASTM D2137	Standard test methods for rubber property - brittleness point of flexible polymers and coated fabrics
ASTM D2178/D2178M	Standard specification for asphalt glass felt used in roofing and waterproofing
ASTM D2196	Standard Test Method for Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer

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ASTM D2240	Standard Test Method for Rubber Property—Durometer Hardness
ASTM D2247	Standard practice for testing water resistance of coatings in 100% relative humidity
ASTM D2369	Test Method for Volatile Content of Coatings
ASTM D2370	Test Method for Tensile Properties of Organic Coatings
ASTM D2394	Test Methods for Simulated Service Testing of Wood and Wood-Base Finish Flooring
ASTM D2523	Standard Practice for Testing Load-Strain Properties of Roofing Membranes
ASTM D2626	Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing
ASTM D2697	Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings
ASTM D2824	Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered, Asbestos Fibered, and Fibered without Asbestos
ASTM D2842	Standard Test Method for Water Absorption of Rigid Cellular Plastics
ASTM D3019	Standard Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered and Fibered
ASTM D3330/D3330M	Standard test method for peel adhesion of pressure-sensitive tape
ASTM D3389	Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader)
ASTM D3462	Standard specification for asphalt shingles made from glass felt and surfaced with mineral granules (exclude sections 5.3 and 5.4)
ASTM D3767	Practice for Rubber—Measurement of Dimensions
ASTM D3909/D3909M	Standard specification for asphalt roll roofing (glass felt) surfaced with mineral granules
ASTM D4073	Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes
ASTM D4434/D4434M	Standard specification for poly (vinyl chloride) sheet roofing
ASTM D4601/D4601M	Standard specification for asphalt-coated glass fiber base sheet used in roofing
ASTM D4637/D4637M	Standard specification for EPDM sheet used in single-ply roof membrane (excluding section 8.14)
ASTM D4869/D4869M	Standard specification for asphalt-saturated organic felt underlayment used in steep slope roofing
ASTM D4897/D4897M	Standard specification for asphalt-coated glass-fiber venting base sheet used in roofing

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ASTM D4932	Test Method for Fastener Rupture and Tear Resistance of Roofing and Waterproofing Sheets, Roll Roofing, and Shingles
ASTM D4977	Test Method for Granule Adhesion to Mineral Surfaced Roofing by Abrasion
ASTM D5019	Standard Specification for Reinforced CSM (Chlorosulfonated Polyethylene) Sheet Used in Single-Ply Roof Membrane (Excluding sections 8.1.9, ozone resistance and 8.2.3, ozone resistance)
ASTM D5034	Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM D5035	Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
ASTM D5147/D5147M	Standard test methods for sampling and testing modified bituminous sheet material
ASTM D5385	Standard test method for hydrostatic pressure resistance of waterproofing membrane (superseded)
ASTM D5420	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
ASTM D5602/D5602M	Standard test method for static puncture resistance of roofing membrane specimens
ASTM D5635/D5635M	Standard test method for dynamic puncture resistance of roofing membrane specimens
ASTM D5636	Test Method for Low Temperature Unrolling of Felt or Sheet Roofing and Waterproofing Materials
ASTM D6083	Standard specification for liquid applied acrylic coating used in roofing (exclude Fungi Resistance testing)
ASTM D6162/D6162M	Standard specification for styrene butadiene styrene (SBS) modified bituminous sheet materials using a combination of polyester and glass fiber reinforcements
ASTM D6163/D6163M	Standard specification for styrene butadiene styrene (SBS) modified bituminous sheet materials using glass fiber reinforcements
ASTM D6164/D6164M	Standard specification for styrene butadiene styrene (SBS) modified bituminous sheet materials using polyester reinforcements
ASTM D6222	Standard specification for atactic polypropylene (APP) modified bituminous sheet materials using polyester reinforcements
ASTM D6223/D6223M	Standard specification for atactic polypropylene (APP) modified bituminous sheet materials using a combination of polyester and glass fiber reinforcements
ASTM D6298	Standard specification for fiberglass reinforced styrene-butadiene-styrene (SBS) modified bituminous sheets with a factory applied metal surface
ASTM D6380	Specification for Asphalt Roll Roofing (Organic Felt)

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ASTM D6509	Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements
ASTM D6511	Standard Test Methods for Solvent Bearing Bituminous Compounds (except section 20)
ASTM D6694	Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems
ASTM D6754/D6754M	Standard specification for ketone ethylene ester based sheet roofing (except section 8.17)
ASTM D6878/D6878M	Standard specification for thermoplastic polyolefin based sheet roofing (except section 7.8)
ASTM D6947	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System (Excluding Fungi resistance referred in Table 2)
ASTM D7349	Standard Test Method for Determining the Capability of Roofing and Waterproofing Materials to Seal Around Fasteners
ASTM D7635	Test Method for Measurement of Thickness of Coatings Over Fabric Reinforcement
ASTM E96/E96M	Standard test methods for water vapor transmission of materials
ASTM E154/E154M	Standard test methods for water vapor retarders used in contact with earth under concrete slabs, on walls, or as ground cover (except section 13)
ASTM E2556/E2556M	Standard specification for vapor permeable flexible sheet water-resistive barriers intended for mechanical attachment
ASTM F1087	Standard Test Method for Linear Dimensional Stability of a Gasket Material to Moisture
CAN/CGSB-37.54	Canadian Standard Polyvinyl Chloride Roofing and Waterproofing Membrane
ICC ES AC24	Exterior insulation and finish systems (test methods referenced in sections 6.4, 6.5, 6.6 and 6.8)
ICC ES AC38	Water-resistive barriers (test methods referenced in section 4.0)
ICC ES AC48	Self-adhered roof underlayments for use as ice barriers (test methods referenced in section 4.0)
ICC ES AC75	Membrane roof-covering systems (test methods referenced in section 4.0) (except Section 4.4))
ICC ES AC148	Flexible flashing materials - for use with the 2015, 2012 and 2009 I-codes (test methods referenced in section 4.0)
ICC ES AC152	Adhesive attachment of concrete or clay roofing tiles (test methods referenced in sections 3.1 (not ASTM D2856), 3.2.1, 3.2.6, 3.4.2, 3.4.3 and 3.4.5))

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ICC ES AC160	Nonasphaltic fiberglass-based roof underlayment (test methods referenced in section 4.0) (excluding fire testing)
ICC ES AC165	SBS modified asphalt-coated glass-fiber-mat roof underlayment (test methods referenced in section 3.0)
ICC ES AC180	Clay and concrete roof tiles (test methods referenced in section 4.0)
ICC ES AC188	Roof underlayments (test methods referenced in section 3.0)
ICC ES AC209	Acceptance Criteria for Trowel-, spray- or roller-applied water-resistive coatings used as weather-resistive barriers over exterior cementitious wall coverings (except section 4.6)
ICC ES AC212	Acceptance Criteria for water-resistive coatings used as water-resistive barriers over exterior sheathing [excluding sections 4.6 and 4.7]
ISO 844	Cellular Plastics—Compression Test of Rigid Materials
ISO 845	Cellular Plastics and Rubbers—Determination of Apparent (Bulk) Density
ISO 2896	Cellular Plastics, Rigid—Determination of Water Absorption
TAPPI T-410	Test Method for Grammage of Paper and Paperboard (Weight Per Unit Area)
TAS 103	Test procedure for self-adhered underlayments for use in tile roof systems
TAS 104	Test procedure for nail-on underlayments for use in tile roof systems
TAS 110	Testing requirements for physical properties of roof membranes, insulation, coatings, and other roofing components
TAS 123	Standard requirements for mortar used in mortar set tile systems

AAMA: American Architectural Manufacturers Association

ABAA: Air Barrier Association of America

FM: Factory Mutual

SBCCI: Southern Building Code Congress International

TAS: Testing Application Standards (Miami-Dade County Protocol)

UBC: Uniform Building Code

UL: Underwriters Laboratories