



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 that reads "Raj Nathan".

President

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 +1-475-888-2378

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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|---|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|------------------|--|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-----------------|--|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|--|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-----------------|---|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|---|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|--|
| 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 |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|---|
| 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) |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|-------------------|---|
| 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)) |

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

| | |
|--------------|--|
| 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