



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MOMENTUM TECHNOLOGIES LABORATORIES,
A DIVISION OF GORMAN TERMINALS, LLC.
1507 Boettler Rd.
Uniontown, OH 44685
Mr. Rodney G. Armstrong, III Phone: 330-595-4293

MECHANICAL

Valid To: August 31, 2022

Certificate Number: 2711.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with A2LA's EPA ENERGY STAR® Accreditation Program¹ requirements), accreditation is granted to this laboratory to perform the following tests on Construction Materials:

Test Method(s):	Test Description:
ABRASION:	
ASTM D4977/D4977M	Granule Adhesion to Mineral Surfaced Roofing by Abrasion
ADHESION:	
ASTM C794	Adhesion-in-Peel of Elastomeric Joint Sealants
ASTM D1876	Peel Resistance of Adhesives (T-Peel Test)
ASTM D413 (Except Sections 7.3 and 10.3)	Test Methods for Rubber Property-Adhesion to Flexible Substrate
ASTM D903	Peel or Stripping Strength of Adhesive Bonds
CONDITION/EXPOSURE TESTING:	
ASTM D573	Rubber-Deterioration in an Air Oven
ASTM D5869	Dark Oven Heat Exposure of Roofing and Waterproofing Materials
DENSITY:	
ASTM D1475	Density of Liquid Coatings, Inks, and Related Products
DIMENSIONAL STABILITY:	
ASTM D1204	Linear Dimensional Changes of Non-Rigid Thermoplastic Sheeting or Film at Elevated Temperatures
DISTILLATION:	
ASTM D4	Bitumen Content
ASTM D95	Water in Petroleum Products & Bituminous Materials by Distillation
ASTM D402	Distillation of Cut Back Bituminous Products

Test Method(s):	Test Description:
Roof Products Program Requirements	Roof Products (Excluding Maintenance of Solar Reflectance)
EPA ENERGY STAR TESTING:	
ASTM C1371	Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers
ASTM C1549	Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer
ASTM E805	Standard Practice for Identification of Instrumental Methods of Color or Color Difference Measurement of Materials
FLASHPOINT:	
ASTM D92	Flash Point Cleveland Open Cup
ASTM D93	Flash Point by Pensky-Martens Closed Cup Tester
EXTENSION CYCLING FATIGUE:	
ASTM C719	Adhesion and Cohesion of Elastomeric Joint Sealants under Cyclic Movement
ASTM C1305	Crack Bridging Ability of Liquid-Applied Waterproofing Membrane
ASTM C1522	Standard Test Method for Extensibility After Heat Aging of Cold Liquid-Applied Elastomeric Waterproofing Membranes
HARDNESS:	
ASTM D2240 (Type A and Type OO)	Rubber Property Durometer Hardness
HYDROSTATIC PRESSURE:	
ASTM C1306	Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane
ASTM D5385	Hydrostatic Pressure Resistance of Waterproofing Membranes
LOW TEMPERATURE:	
ASTM D522 (Except Method A)	Mandrel Bend Test of Attached Organic Coatings
ASTM D2136	Test Method for Coated Fabrics—Low-Temperature Bend Test
NONVOLATILE MATTER:	
ASTM D1644	Nonvolatile Content of Varnishes
ASTM D2697	Volume of Nonvolatile Matter in Clear or Pigmented Coatings
PENETRATION/PUNCTURE:	
ASTM D5602	Static Puncture Resistance
ASTM D5635	Dynamic Puncture Resistance
ASTM E154 (Section 10 and 13)	Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
Latex	
ASTM D1076 (Except section 10, 19-31 and 37)	Standard Specification for Rubber—Concentrated, Ammonia Preserved, Creamed, and Centrifuged Natural Latex

Test Method(s):	Test Description:
ROOFING:	
ASTM D146	Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
ASTM D228	Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing
ASTM D1970	Self-Adhered Polymer Modified Bituminous Sheet
ASTM D2829 (Except Section 4)	Sampling and Analysis of Existing Built Up Roof Systems
ASTM D3462 (Except Sections 8.1.4 and 8.1.5)	Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules
ASTM D5147	Sampling and Testing Modified Bituminous Sheet Material
ASTM D7349	Determining the Capability of Roofing and Waterproofing Material to Seal around Fasteners
ASTM D7505	Self-Adhesive Polyester Fabric Reinforced Polymer Modified Asphalt Steep Slope Roll Roofing Surfaced with Mineral Granules
ICC-ES AC-48	Roof Underlayment for Use in Severe Climate
ICC-ES AC-165	Asphalt Coated Glass Fiber Mat Roof Underlayment
TENSILE/TEAR TESTS:	
ASTM D412	Vulcanized Rubber and Thermoplastic Elastomers-Tension
ASTM D624	Tear Strength of Conventional Vulcanized Rubber & Thermoplastic Elastomers
ASTM D2370	Tensile Properties of Organic Coatings
ASTM D2523	Load Strain Properties of Roofing Membrane (Tensile)
ASTM D4073	Tensile Tear Test of Asphalt Roof Membrane
ULTRA VIOLET FLUORESCENT LAMPS/XENON:	
ASTM C793	Accelerated Weathering on Elastomeric Joint Sealants
ASTM D4798	Accelerated Weathering for Bituminous Materials Xenon Arc
ASTM D4799	Accelerated Weathering for Bituminous Materials QUV
ASTM G151	Exposing Non-Metallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
ASTM G154	Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
ASTM G155	Xenon Arc (for Exposure of Non-Metallic Materials)
VISCOSITY:	
ASTM D562 (Except Method A)	Viscosity Using a Stormer-Type Viscometer
ASTM D2196, Method A	Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield-Type) Viscometer
WATER ABSORPTION:	
ASTM D471	Rubber Property - Effect of Liquids
ASTM D570	Water Absorption of Plastics
WATER VAPOR TRANSMISSION:	
ASTM D1653	Water Vapor Transmission of Organic Coating Films
ASTM E96	Water Vapor Transmission of Materials
SEALANTS/FILLER FOR JOINTS/CRACKS IN ASPHALT/PAVEMENTS/CEMENT:	
ASTM D5	Penetration of Bituminous Materials
ASTM D36	Softening Point of Bitumen (Ring and Ball Apparatus)

Test Method(s):	Test Description:
ASTM D113	Ductility of Bituminous Materials
ASTM D5329	Sealant and Fillers, Hot-Applied, for Joints and Cracks in Asphalt and Portland Cement Pavements
ASTM D5801	Toughness and Tenacity of Bituminous Materials
ASTM D6297	Asphaltic Plug Joints for Bridges
CAN/CGGSB-37.50-M89 (Withdrawn) (Except Sections 4.9 and 4.11)	Hot Applied Rubberized Asphalt
MISC:	
ASTM D751 (Except Sections 18-26, 37-50, 54-63, 65-70, 94-98)	Standard Test Methods for Coated Fabrics
ASTM D2042	Solubility of Asphalt Materials in Trichloroethylene
ASTM D2939 (Except Sections 18 and 23-28)	Emulsified Bitumen Used as Protective Coatings
ASTM D7635	Measurement of Thickness of Coatings Over Fabric Reinforcement
ASTM D7897	Laboratory Soiling and Weathering of Roofing Materials to Simulate Effects of Natural Exposure on Solar Reflectance and Thermal Emittance
ASTM E1980	Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces
ASTM E2178	Air Permeance of Building Materials

¹ A2LA provides accreditation to the U.S. EPA's Conditions and Criteria for Recognition of Laboratories for the ENERGY STAR Program by verifying an organization's compliance to A2LA document R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program and to the related test methods listed above.

² This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

Accreditation by A2LA does not infer Recognition by the EPA for ENERGY STAR testing. Please verify this organization's recognition status by using the EPA's searchable database, located at http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form

The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the following material specifications listed below; however, the inclusion of these material specifications on this Scope do not confer laboratory accreditation to the material specifications. Inclusion of these material specifications on this Scope also does not confer accreditation for every method embedded within the specification. Only the methods listed above on this Scope are accredited.

Material specification(s):	Specification Description:
ASTM C836	Specification for Liquid Applied Waterproofing Membrane
ASTM D226	Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
ASTM D449	Asphalt Used in Damp Proofing and Waterproofing
ASTM D2626	Asphalt Saturated and Coated Organic Felt Base
ASTM D3909	Asphalt Roll Roofing (Glass Felt) with Granules
ASTM D4434/D4434M	PVC Sheet Roofing
ASTM D4586 (Except Section 20 of ASTM D6511)	Asphalt Roof Cement Asbestos Free
ASTM D4601	Asphalt Coated Glass Fiber Base Sheet
ASTM D4637	EPDM Sheet Used in Single-Ply Roof Membrane
ASTM D4811	Non-Vulcanized Rubber Sheet
ASTM D4869 (Except Sections 8.1, 8.2.2, 8.2.3, 8.2.4, 8.3, and ASTM D1922, D6136, F1087)	Asphalt Saturate Organic Felt Used in Underlayment
ASTM D4897	Asphalt Coated Glass Fiber Venting Base Sheet
ASTM D6083 (Except ASTM G21 referenced in Table 2)	Liquid Applied Acrylic Coating Used in Roofing Testing for Elastomeric Roof Coatings
ASTM D6152	SEBS Modified Mopping Asphalt
ASTM D6162	SBS Modified Bituminous Sheet Materials Using Reinforcements
ASTM D6163	SBS Modified Bituminous Sheet Material Glass
ASTM D6164	SBS Modified Bituminous Sheet Material Polyester
ASTM D6222 (Except Section 9.4)	APP Modified Bituminous Sheet Material Polyester
ASTM D6223 (Except Section 9)	APP Modified Bituminous Sheet Material Polyester/Glass
ASTM D6380 (Except Section 9.2)	Asphalt Roll Roofing Organic Felt
ASTM D6509/D6509M (Except Section 8.3)	APP Modified Bituminous Sheet Material Glass
ASTM D6511 (Except Section 20)	Solvent Bearing Bituminous Compounds
ASTM D6690	Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements
ASTM D6694	Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roof Systems
ASTM D6878	Thermoplastic Polyolefin Based Sheet Roofing
ICC-ES AC-29	Fluid Applied Waterproofing
ICC-ES AC-188	Acceptance Criteria for Roof Underlayment



Accredited Laboratory

A2LA has accredited

MOMENTUM TECHNOLOGIES LABORATORIES, A DIVISION OF GORMAN TERMINALS, LLC.

Uniontown, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 9th day of September 2020.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2711.01
Valid to August 31, 2022
Revised December 1, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.