

Miami-Dade County, Florida

Building Code Compliance Office

Suite 1603

140 West Flagler Street

Miami, Florida 33130-1563

(305) 375-2901

Fax (305) 375-2908

Laboratory Certificate



This certifies that Momentum Technologies, inc. located at 1507 Boettler Road, Uniontown, OH 44685 is an approved Testing Laboratory in accordance with Miami-Dade County Building Code Compliance and Protocol TAS301-94, and is Certified to perform the following tests:

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|--|--|---|
| TAS103 See attached qualifications sheet. | ASTM D449 | ASTM D5601 |
| TAS104 See attached qualifications sheet | ASTM D450 (Except 6.1.3 & 6.1.8) | ASTM D5602 |
| TAS110 See attached qualifications sheet | ASTM D1864 | ASTM D6380 (Excludes Granule Loss) |
| TAS114 Appendix H (Section 4 only) | ASTM D2521 | ASTM D6509 |
| TAS114 Appendix I | ASTM D2626 | ASTM D6511 |
| TAS131 (Excludes Sections 10.11, 10.12, 10.13, 10.16, 10.17 & 10.19) | ASTM D2822 | ASTM D6152 (Excludes Granule Loss) |
| TAS132 See attached qualifications sheet | ASTM D2829 | ASTM D6162 (Excludes Granule Loss) |
| TAS138 | ASTM D2939 (Except 18 & 23-29) | ASTM D6163 (Excludes Granule Loss) |
| TAS139 | ASTM D3409 | ASTM D6164 (Excludes Granule Loss) |
| TAS140 (Excludes Xenon Weathering) | ASTM D3617 | ASTM D6222 (Excludes Granule Loss) |
| TAS141 (Excludes Section 7.6) | ASTM D3909 | ASTM D6223 (Excludes Granule Loss) |
| TAS142 | ASTM D4022 Sections 7.1, 7.2, 7.3, 7.4 & 7.5 | ASTM D412 |
| TAS143 | ASTM D4402 | ASTM D751 |
| ASTM D224 | ASTM D4586 | CAN/CGSB-37.50(Excludes Crack Bridging) |
| ASTM D225 | ASTM D4601 | ICBO Evaluation Service, Inc. per Certificate TL194 |
| ASTM D226 | ASTM D4799 | ASTM C957 |
| ASTM D227 | ASTM D4897 | |
| ASTM D249 | ASTM D4990 | |

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

John F. Warmus, P.E., John Easley Nevin, P.E.

This Certification and Registration Approved: March 04, 2009

This Certification and Registration Expires : March 07, 2012

Certification No. : 09-0121.25 Renews: 06-1121.03

Jaime D. Gascon, P.E.
Chief
Product Control Division

Americo Segura
BCC- Quality Assurance Supervisor
Product Control Division

The Miami-Dade County Building Code Compliance Office reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901
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Subject: Approved Test Procedures
Momentum Technologies, inc.
File No. 09-0121.25
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PRODUCT CONTROL DIVISION
(305) 375-2902
FAX (305) 372-6339

UNDERLAYMENTS:

TASI03 Test Procedure of Self Adhered Underlayments for Use in Discontinuous Roof Systems

- Section 5: Conditioning
- Section 6: Thickness
- Section 8: Dimensional Stability
- Section 9: Tear Resistance
- Section 10: Breaking Strength and Elongation
- Section 11: Water Absorption
- Section 12: Low Temperature Flexibility
- Section 16: Water Vapor Transmission
- Section 17: Compound Stability
- Section 18: Puncture Resistance
- Section 19: Tile Slippage

TASI04 Test Procedure for Nail-On Underlayments for Use in Discontinuous Roof Systems

- Section 5: Conditioning
- Section 6: Thickness
- Section 8: Tear Resistance
- Section 9: Breaking Strength and Elongation
- Section 10: Water Absorption
- Section 11: Low Temperature Flexibility
- Section 15: Water Vapor Transmission

PHYSICAL PROPERTY REQUIREMENTS:

TASI10 Physical Property Requirements of Roof Membranes, Insulation Materials, Membrane Coatings and Other Roofing Components

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|------------|--------------------------------------|---------------------------------------|
| Section 2: | <u>ASPHALT BUILT-UP ROOF SYSTEMS</u> | |
| | ASTM D228 | ASTM D249 |
| | ASTM D4601 | ASTM D5147 (Excludes section 13 & 14) |
| | ASTM D2178 | ASTM D312 |
| | ASTM D4897 | ASTM D4586 |
| | ASTM D2626 | ASTM D4022 |
| | ASTM D371 | ASTM D3409 |
| | ASTM D226 | ASTM D3747 |
| | ASTM D3909 | ASTM D41 (Excludes Section 5.1.1) |
| | ASTM D224 | ASTM D3019 |

Section 3: COAL-TAR PITCH BUILT-UP ROOF SYSTEMS
ASTM D4990
ASTM D227
ASTM D450
ASTM D43 (Excludes Section 5.1.5)

Section 4: SINGLE-PLY ROOF SYSTEM ASSEMBLIES
ASTM D4434
ASTM D4637
ASTM D5019

Section 5: LIQUID POLYETHYLENE ROOF SYSTEM ASSEMBLIES
ASTM D3468 (Excludes Section 9.8)

Section 6: SPRAY-APPLIED POLYURETHANE FOAM ROOF ASSEMBLIES
ASTM D2126
ASTM D1623
ASTM C355

Section 7: COATINGS
ASTM D4479
ASTM D2939

Section 8: ROOFING INSULATION
ASTM D1621
ASTM C203
ASTM E96
ASTM D2126
ASTM C209

Section 10: NON-RIGID, DISCONTINUOUS (SHINGLE) ROOF ASSEMBLIES
ASTM D3462 (Excludes Section 8.1.3 & 8.1.4
ASTM D3018 (Excludes Section 9.1.2 & 9.1.3)

TASI32 Requirements For Testing and Approval of Sealants Used in Roofing

Section PHYSICAL PROPERTIES

7.1:

ASTM D792
ASTM D412
ASTM D624
ASTM C794
ASTM C661

Section 7.2 PERFORMANCE

All sections