

# Laboratory Certificate



**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

*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:*

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.
ASTM D226	ASTM D4799	per Certificate TL194
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.

***This Certification and Registration Approved: January 11, 2007***

***This Certification and Registration Expires : March 7, 2012***

***Certification No. : 06-1121.03 Renews: 01-1210.02***

A handwritten signature in black ink, appearing to read "Jaime D. Gascon".

Jaime D. Gascon, P.E.

Chief

Product Control Division

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

Americo Segura

Senior Quality Assurance Inspector

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.*



Subject: Approved Test Procedures  
Momentum Technologies, inc.  
File No. 06-1121.03  
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**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901  
FAX (305) 375-2908

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 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

**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**

- Section 2: ASPHALT BUILT-UP ROOF SYSTEMS
- |            |                                       |
|------------|---------------------------------------|
| 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