

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION

11805 S.W. 26 Street-Room 208

Miami, Florida 33175-2474

T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate



This certifies that Element Materials Technology St. Paul, Inc. located at 115 South 84th Ave., Wausau, WI 54401 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:

- TAS201 (Excludes Small Missile)
- TAS202
- TAS203
- ASTM E783
- ASTM E987
- ASTM E1105
- AAMA 103.3 (Section 5)
- AAMA 1402 Section 1 & 4
- Listed in: American Association for Laboratory Accreditation: Certificate No. 1479.01

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:

Jason Robert Steen, P.E.; Thomas A. Kolden, P.E.

This Certification and Registration Approved: April 19, 2018

This Certification and Registration Expires : April 28, 2023

Certification No. : 18-0327.13 Renews: 13-0206.21

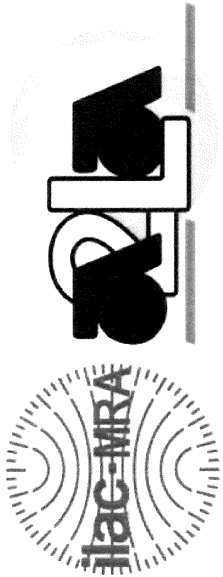
A handwritten signature in black ink, appearing to read "Helmy A. Makar".

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

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

Americo Segura, M.S.
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 TAS301-94



Accredited Laboratory

A2LA has accredited

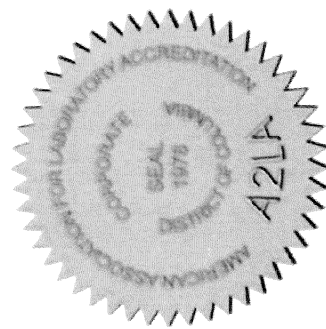
ELEMENT ST. PAUL

St. Paul, MN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 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 8 January 2009).



Presented this 14th day of December 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1479.01
Valid to December 31, 2018

ELEMENT WAUSAU
115 S. 84th Avenue
Wausau, WI 54401-8434

MECHANICAL

Accreditation is granted to this satellite laboratory to perform the following tests on fenestration products:

<u>Test:</u>	<u>Test Method(s)</u>
Impact & Cycle Pressure	ASTM E1886, E1996; AAMA 506; TAS 201, TAS 203
Water Penetration	ASTM E331, E547
Structural Performance	ASTM E330; AAMA 1701.2; TAS 202
Windows, Doors, and Curtain Walls (Air)	ASTM E283, E987, E2068; AAMA 450; AAMA/WDMA/CSA 101/I.S-2/A440; CSA A440S1 ³ ; WDMA I.S. 11 ³
Forced Entry	ASTM F588, F842; AAMA 1304
Door Slam Cycling	AAMA 920, 925
Architectural Safety Glazing Tests	ANSI Z97.1 (except 5.3 and 5.3.2.1); ASTM C1036 ³ CPSC 16 CFR 1201 (except Xenon Exposure); CAN/CGSB-12.1

³The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications identified above. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.

