

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION

Laboratory Certificate



11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

This certifies that Blackwater Testing SRL located at Via Piroleri 19, Altiivole, Italy 31030 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TASS01-94, and is Certified to perform the following tests:

International Accreditation Services, Inc.
Certificate of Accreditation TL-802

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TASS01-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Constantin Bortes, P.E.; Robert Archila, P.E.

This Certification and Registration Approved: November 5, 2020
This Certification and Registration Expires : February 14, 2024

Certification No. : 20-1021.02 Revises: 18-0920.03

A blue ink signature of Helmy A. Makar, written in a cursive style.

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

A blue ink signature of Americo Segura, written in a cursive style.

Americo Segura, M.S., CGC
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 TASS01-94.



CERTIFICATE OF ACCREDITATION

This is to attest that

BLACKWATER TESTING SRL

VIA PIROLERI 19
ALTIVOLE, 31030, REPUBLIC OF ITALY

Testing Laboratory TL-802

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 June 22, 2020



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

BLACKWATER TESTING SRL

www.blackwater-lab.com

Contact Name Dr. Andrea Turcato

Contact Phone +39 0423 915774

Accredited to ISO/IEC 17025:2017

Effective Date June 22, 2020

Construction Material Testing	
AAMA 1304	Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems (in use previous version – 2002)
AAMA 910	Voluntary “Life Cycle” Specifications and Test Methods for AW Class Architectural Windows and Doors (in use previous version – 2010)
AAMA/WDMA/CSA 101/IS2/A440	NAFS 2011 - North American Fenestration Standard/Specification for windows, doors, and skylights. (in use previous version – 2011)
ANSI Z97.1	Safety glazing materials used in buildings – safety performance specifications and methods of test
AS 4420.2	Windows - Methods of test Deflection test
AS 4420.3	Windows - Methods of test Operating force test
AS 4420.4	Windows - Methods of test Air infiltration test
AS 4420.5	Windows - Methods of test Water penetration resistance test
AS 4420.6	Windows - Methods of test Ultimate strength test
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 E330/330M	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 (in use previous version – 2009)
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference (in use previous version – 2009)
ASTM E987	Standard Test Methods for Deglazing Force of Fenestration Products (in use previous version – 2009)

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ASTM E1886	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
ASTM E1996	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes (in use previous version – 2014)
ASTM E2068	Standard Test Methods for Determination of Operating Force of Sliding Windows and Doors
ASTM F588	Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact (in use previous version – 2014)
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies, Excluding Glazing Impact (in use previous version – 2014)
TAS 201	Impact Test Procedure
TAS 202	Criteria for Testing Impact and Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure
TAS 203	Criteria for Testing Products Subject to Cyclic Wind Pressure Loading