INTERNATIONAL ACCREDITATION SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

BLACKWATER SRL

VIA PIROLERI 19
ALTIVOLE, ITALY 31030

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 maintained on the IAS website (www.iasonline.org).

This certificate is valid up to AUIGUST 1, 2020.

This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.

IAS INTERNATIONAL ACCREDITATION SERVICE®

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Raj Nathan
President

18-15965

SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-802
Company Name	Blackwater srl
Address	via Piroleri 19 Altivole, Italy 31030
Contact Name	Dr. Andrea Turcato, Laboratory Director
Telephone	+39 0423 915774
Effective Date of Scope	November 19, 2019
Accreditation Standard	ISO/IEC 17025:2017

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

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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)
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