



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AL FUTTAIM ELEMENT MATERIALS TECHNOLOGY DUBAI LLC

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MECHANICAL

Valid To: March 31, 2026

Certificate Number: 7583.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test on cladding & curtain walling systems, block/partition walls, doors, windows, facade:

**Test:**

**Curtain Walls**

Watertightness under dynamic condition of air pressure and water spray

Impact resistance

**Windows, Doors, & Curtain Walls**

Rate of air leakage

Structural performance by uniform static air pressure difference

Static water penetration

Dynamic water penetration

Rate of Air Leakage / air permeability

Water Tightness

Structural performance by uniform static air pressure difference / resistance to wind load

Static Water Penetration

**Test Methods:**

BS EN 13050:2011;

NF EN 13050:2012

BS EN 14019:2016;

NF EN 14019:2016

ASTM E283/E283M-19

ASTM E330/E330M-14(2021)

ASTM E331-00(2023)

AAMA 501.1:2017

CWCT Standards December 2005  
Section 5;

BS EN 12153:2023;

NF EN 12153:2023;

BS EN 1026:2016;

NF EN 1026:2016

BS EN 1027:2016;

NF EN 1027:2016

CWCT Standards December 2005  
Section 11;

BS EN 12179:2000;

NF EN 12179:2000;

BS EN 12211:2016;

NF EN 12211:2016

CWCT Standards December 2005  
Section 6;

BS EN 12155:2000;

NF EN 12155:2000

**Test:****Windows, Doors, & Curtain Walls (cont'd)**

Dynamic Water Penetration

Hose Test

**Windows, Doors, Skylights, & Curtain Walls**

Hose test

Cyclic static air pressure difference

Wind resistance safety

Impact test

Structural movement regime

Standard thermal cycling regime

**Window Wall, Curtain Wall, & Storefronts**

Systems subjected to Seismic and Wind-Induced Inter-story drift AAMA 501.4-18

Systems Subjected to Vertical Inter-story movement AAMA 501.7-17

**Exterior Walls**

Thermal Cycling

AAMA 501.5-07

**Glass in the Building**

Impact Testing

BS EN 12600:2002

**Building Elements:** *Separating elements, including block/partition walls, doors, windows, and façade constructions*

Acoustic Test Laboratory measurements of airborne sound insulation of building elements

BS EN ISO 140-3:1995;  
BS EN ISO 717-1:2020;  
AS1191-02(R2016);  
ASTM E90-09(2016);  
ASTM E413-16  
ASTM E1332-22;  
BS EN ISO 10140-2:2021;  
BS EN ISO 10140-1:2021;  
BS EN ISO 10140-4:2021;  
Refer BS EN ISO 10140-5:2021

The property measured is the Sound Reduction Index

**Store Fronts, Curtain Walls, & Sloped Glazing Systems**

Hose Test

AAMA 501.2:2015<sup>1</sup>**Windows & Doors**

Air Leakage

ASTM E783-02(2018)<sup>1</sup>**Windows, Skylights, Doors, & Curtain Walls**

Structural performance by uniform static air pressure difference

Water penetration

ASTM E330/330M-14(2021)<sup>1</sup>ASTM E1105-15(2023)<sup>1</sup><sup>1</sup> This laboratory performs field testing for these tests**Test Methods:**CWCT Standards December 2005  
Section 7CWCT Standards December 2005  
Section 9AAMA 501.2:2015  
ASTM E547-00(2016)  
CWCT Standards December 2005  
Section 12CWCT Standards December 2005  
Section 15CWCT Standards December 2005  
Section 17CWCT Standards December 2005  
Section 18



## Accredited Laboratory

A2LA has accredited

### AL FUTTAIM ELEMENT MATERIALS TECHNOLOGY DUBAI LLC

*Dubai, United Arab Emirates*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 14<sup>th</sup> day of May 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 7583.01  
Valid to March 31, 2026

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*