



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 501.2:2015¹**Windows & Doors**

Air Leakage

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

Structural performance by uniform static air pressure difference

Water penetration

ASTM E330/330M-14(2021)¹ASTM E1105-15(2023)¹¹ 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 14th 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.