



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AL FUTTAIM ELEMENT MATERIALS TECHNOLOGY DUBAI LLC
Plot 597-451 Dubai Investments Park 2
Jebel Ali, Dubai, United Arab Emirates
Mr. Manoj Kumar +971 4 8868715 info.dubai@element.com

MECHANICAL

Valid To: March 31, 2028

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 building performance tests 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

Test Method(s)¹:

BS EN 13050;
NF EN 13050

BS EN 14019;
NF EN 14019

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

ASTM E283

ASTM E330

ASTM E331

AAMA 501.1

CWCT Standards Section 5;
BS EN 12153;
NF EN 12153;
BS EN 1026;
NF EN 1026

Water Tightness

BS EN 1027;
NF EN 1027

Test:**Test Method(s)¹:****Windows, Doors, & Curtain Walls (cont'd)**

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

CWCT Standards Section 11;
BS EN 12179;
NF EN 12179;
BS EN 12211;
NF EN 12211

Static Water Penetration

CWCT Standards Section 6;
BS EN 12155;
NF EN 12155

Dynamic Water Penetration

CWCT Standards Section 7

Hose Test

CWCT Standards Section 9

Windows, Doors, Skylights, & Curtain Walls

Hose test

AAMA 501.2

Cyclic static air pressure difference

ASTM E547

Wind resistance safety

CWCT Standards Section 12

Impact test

CWCT Standards Section 15

Structural movement regime

CWCT Standards Section 17

Standard thermal cycling regime

CWCT Standards Section 18

Window Wall, Curtain Wall, & Storefronts

Systems subjected to Seismic and Wind-Induced Inter-storey
drift

AAMA 501.4

Systems Subjected to Vertical Inter-storey movement

AAMA 501.7

Exterior Walls

Thermal Cycling

AAMA 501.5

Glass in the Building

Impact Testing

BS EN 12600

Test:**Test Method(s)¹:**

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

Acoustic Test Laboratory measurements of airborne sound insulation of building elements

AS1191;
ASTM E90

The property measured is the Sound Reduction Index

BS EN ISO 10140-2;
BS EN ISO 10140-1;
BS EN ISO 10140-4;
Refer BS EN ISO 10140-5

Store Fronts, Curtain Walls, & Sloped Glazing Systems
Hose Test

AAMA 501.2²

Windows & Doors
Air Leakage

ASTM E783²

Windows, Skylights, Doors, & Curtain Walls
Structural performance by uniform static air pressure difference

ASTM E330²

Water penetration

ASTM E1105²

Balustrades
Balustrade Load Tests

ASTM E935,
ASTM E2353

Balustrade Impact Tests

ASTM E2353

Acoustics
Measurement of Airborne Sound Attenuation between Rooms in Buildings

ASTM E336

Field Measurements of Airborne Sound Attenuation of Building Facades and Facade Elements

ASTM E966

Field measurement of sound insulation in buildings and of building elements - Airborne sound insulation

BS EN ISO 16283-1

Field measurement of sound insulation in buildings and of building elements - Façade sound insulation

BS EN ISO 16283-3

¹When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard test method, per Annex A, Part C of A2LA R101 - *General Requirements: Accreditation of Conformity Assessment Bodies*.

²This laboratory performs field testing for these tests

The laboratory is only accredited for the properties listed above. The accredited properties are used in determining compliance with the product specifications listed below. The inclusion of these product specifications on this Scope does not confer laboratory accreditation to the product specifications.

ASTM E413 - Classification for Rating Sound Insulation

ASTM E1332 - Classification for Rating Outdoor-Indoor Sound Attenuation

ASTM E2358 - Standard Specification for Performance of Glazing in Permanent Railing Systems, Guards, and Balustrades

ISO 717.1 Acoustics – Rating of sound insulation in buildings and of building elements

EN 12207 - Windows and Doors - Air Permeability. Classification

EN 12208 - Windows and Doors. Watertightness. Classification

EN 12210 - Windows and Doors - Resistance to wind load. Classification

EN 12152 - Curtain walling. Air permeability. Performance requirements and classification

EN 12154 - Curtain walling. Watertightness. Performance requirements and classification

EN 13116 - Curtain walling. Resistance to wind load. Performance requirements



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 13th day of April 2026.

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 May 31, 2028

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