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 building performance tests on cladding & curtain walling systems, block/partition walls, doors, windows, facade:

Test:	Test Method(s)[1]:
Curtain Walls	
Watertightness under dynamic condition of air pressure and water spray	BS EN 13050; NF EN 13050
Impact resistance	BS EN 14019; NF EN 14019
Windows, Doors, & Curtain Walls	
Rate of air leakage	ASTM E283
Structural performance by uniform static air pressure difference	ASTM E330
Static water penetration	ASTM E331
Dynamic water penetration	AAMA 501.1
Rate of Air Leakage / air permeability	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 E547-00(2016)
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 501.5-07
Glass in the Building	
Impact Testing	BS EN 12600

Test:	Test Method(s)[1]:
Panels for Building Construction: *Strength tests*	
Compressive Load	ASTM E72-15
Tensile Load	ASTM E72-15
Transverse load – specimen horizontal	ASTM E72-15
Concentrated Load	ASTM E72-15
Racking load – evaluation of sheathing materials on a standard wood frame	ASTM E72-15
Racking load – evaluation of sheathing materials (wet) on a standard wood frame	ASTM E72-15
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; BS EN ISO 717-1; AS1191; ASTM E90-09(2016); ASTM E413-16
The property measured is the Sound Reduction Index	ASTM E1332; 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 501.2[2]
Windows & Doors	
Air Leakage	ASTM E783[2]
Windows, Skylights, Doors, & Curtain Walls	
Structural performance by uniform static air pressure difference	ASTM E330[2]
Water penetration	ASTM E1105[2]

[1] When 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.*

[2] This laboratory performs field testing for these tests

Accredited Laboratory

A2LA has accredited

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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.

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.