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: | Test Methods: |
|---|---|
| **Curtain Walls** | |
| Watertightness under dynamic condition of air pressure and water spray | BS EN 13050:2011;<br>NF EN 13050:2012 |
| Impact resistance | BS EN 14019:2016;<br>NF EN 14019:2016 |
| **Windows, Doors, & Curtain Walls** | |
| Rate of air leakage | ASTM E283/E283M-19 |
| Structural performance by uniform static air pressure difference | ASTM E330/E330M-14(2021) |
| Static water penetration | ASTM E331-00(2023) |
| Dynamic water penetration | AAMA 501.1:2017 |
| Rate of Air Leakage / air permeability | CWCT Standards December 2005 Section 5;<br>BS EN 12153:2023;<br>NF EN 12153:2023;<br>BS EN 1026:2016;<br>NF EN 1026:2016 |
| Water Tightness | BS EN 1027:2016;<br>NF EN 1027:2016 |
| Structural performance by uniform static air pressure difference / resistance to wind load | CWCT Standards December 2005 Section 11;<br>BS EN 12179:2000;<br>NF EN 12179:2000;<br>BS EN 12211:2016;<br>NF EN 12211:2016 |
| Static Water Penetration | CWCT Standards December 2005 Section 6;<br>BS EN 12155:2000;<br>NF EN 12155:2000 |

| Test: | Test Methods: |
|---|---|
| **Windows, Doors, & Curtain Walls (cont'd)** | |
| Dynamic Water Penetration | CWCT Standards December 2005 Section 7 |
| Hose Test | CWCT Standards December 2005 Section 9 |
| **Windows, Doors, Skylights, & Curtain Walls** | |
| Hose test | AAMA 501.2:2015 |
| Cyclic static air pressure difference | ASTM E547-00(2016) |
| Wind resistance safety | CWCT Standards December 2005 Section 12 |
| Impact test | CWCT Standards December 2005 Section 15 |
| Structural movement regime | CWCT Standards December 2005 Section 17 |
| Standard thermal cycling regime | CWCT Standards December 2005 Section 18 |
| **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;<br>BS EN ISO 717-1:2020;<br>AS1191-02(R2016);<br>ASTM E90-09(2016);<br>ASTM E413-16 |
| The property measured is the Sound Reduction Index | ASTM E1332-22;<br>BS EN ISO 10140-2:2021;<br>BS EN ISO 10140-1:2021;<br>BS EN ISO 10140-4:2021;<br>Refer BS EN ISO 10140-5:2021 |
| **Store Fronts, Curtain Walls, & Sloped Glazing Systems** | |
| Hose Test | AAMA 501.2:2015[1] |
| **Windows & Doors** | |
| Air Leakage | ASTM E783-02(2018)[1] |
| **Windows, Skylights, Doors, & Curtain Walls** | |
| Structural performance by uniform static air pressure difference | ASTM E330/330M-14(2021)[1] |
| Water penetration | ASTM E1105-15(2023)[1] |

[1] This laboratory performs field testing for these tests

# 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.

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.*