

Schedule

Issue date: 04 July 2025
Valid Until: -



NO: SAMM 1057

(Issue 2, 04 July 2025 replacement
of SAMM 1057 dated 24 December 2024)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Facade Performance Lab Sdn. Bhd. Lot PT 14763, Jalan Perindustrian Mahkota 3/F, Taman Perindustrian Mahkota 43700 Beranang, Semenyih Selangor , 43700, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	04 JULY 2025
FIELD(S) OF TESTING:	MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Facade Performance Lab Sdn. Bhd. Lot PT 14763, Jalan Perindustrian Mahkota 3/F, Taman Perindustrian Mahkota 43700 Beranang, Semenyih Selangor , 43700, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Curtain Walls, Building Facades	Air Tightness Test (permeability/ leakage/ penetration)	ASTM E283/ E283M-19 AS/NZS 4284:2008 SS654:2020+A1:2023 BS EN 12153:2023
	Static Water Tightness Test (permeability/ leakage/ penetration)	ASTM E331:2000 (Reapproved 2023) AS/NZS 4284:2008 SS654:2020+A1:2023 BS EN 12155:2000
	Cyclic Water Tightness Test (permeability/ leakage/ penetration)	AS/NZS 4284:2008 ASTM E547:2000 (Reapproved 2016)

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Dynamic Water Penetration Test	AAMA 501.1-17 SS654:2020+A1:2023
	Structural Performance Test	ASTM E330/ E330M-14 (Reapproved 2021) AS/NZS 4284:2008 SS654:2020+A1:2023 BS EN 12179:2000
	Proof Load Test	ASTM E330/ E330M-14(Reapproved 2021) AS/NZS 4284:2008 SS654:2020+A1:2023 BS EN 12179:2000
	Seal Degradation Test	AS/NZS 4284:2008 SS654:2020+A1:2023
	Seismic and Wind Induced Inter Storey Drift Test	AAMA 501.4-2018 AS/NZS 4284:2008 SS654:2020+A1:2023
	Building Maintenance Unit (BMU) Restraint Load Test	AS/NZS 4284:2008 SS654:2020+A1:2023
Windows	Air Tightness Test (permeability/ leakage/ penetration)	MS 832: 2022 ASTM E283/ E283M-19 AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 212:2007 BS EN 1026:2016
	Static Water Tightness Test (permeability/ leakage/ penetration)	MS 832: 2022 ASTM E331:2000 (Reapproved 2023) AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 212:2007 BS EN 1027:2016
	Structural Performance Test	MS 832: 2022 ASTM E330/ E330M-14 (Reapproved 2021) AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 212:2007 BS EN 12211:2016 ISO 6612:2023
	Proof Load Tes	MS 832: 2022 ASTM E330/ E330M-14 (Reapproved 2021) AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 212:2007 BS EN 12211:2016 ISO 6612:2023
	Operation Tests	MS832:2022

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Cyclic Water Penetration Test	AS/NZS 4284:2008 ASTM E547:2000 (Reapproved 2016)
	Dynamic Water Penetration Test	AAMA 501.1-17
	Seal Degradation Test	AS/NZS 4284:2008
	Seismic and Wind Induced Inter Storey Drift Test	AAMA 501.4-2018 AS/NZS 4284:2008
Sliding Doors	Air Tightness Test (permeability/ leakage/ penetration)	MS 1017:2022 ASTM E283/ E283M-19 AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 268:2014 BS EN 1026:2016
	Static Water Tightness Test (permeability/ leakage/ penetration)	MS 1017:2022 ASTM E331:2000 (Reapproved 2023) AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 268:2014 BS EN 1027:2016
	Structural Performance Test	MS 1017:2022 ASTM E330/ E330M-14 (Reapproved 2021) AS/NZS 4284:2008 AS/NZS 4420.1:2016 SS 268:2014 BS EN 12211:2016 ISO 6612:2023

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