



**National Accreditation Board for
Testing and Calibration Laboratories**
(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

WINWALL TECHNOLOGY INDIA PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

567-A, S.R. Kandigai Road, Gummidipoondi,
Dist. Thiruvallur, Tamil Nadu

in the field of

TESTING

Certificate Number TC-7687 (in lieu of T-4125)

Issue Date 22/09/2018

Valid Until 21/09/2020

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



89076970100030001889

Anil Relia

Anil Relia
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Winwall Technology India Private Limited, 567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7687 (in lieu of T-4125)

Page 1 of 4

Validity 22.09.2018 to 21.09.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

MECHANICAL TESTING

AT LABORATORY				
I.	BUILDING MATERIAL			
1.	Building Facades Curtain walls and Windows	Air infiltration test	AS/NZS 4284 Clause 8.4 ASTM E283, BSEN 1026 BSEN 12207 (Test Chamber size up to 15 m X 15 m)	Air volume flow rate 0.1 m ³ /hr to 400 m ³ /hr
		Static water penetration test	AS/NZS 4284 Clause 8.5 ASTM E331, BSEN 1027, BSEN 12208 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)	Qualitative (Visual)
		Dynamic water penetration test	AAMA 501.1 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 1000 Pa)	Qualitative (Visual)
		Water penetration test by cyclic pressure	AS/NZS 4284 Clause 8.6 ASTM E547 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)	Qualitative (Visual)

Ramprasath R
Convenor

Jitendra B. Vispute
Program Manager



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Winwall Technology India Private Limited, 567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7687 (in lieu of T-4125)

Page 2 of 4

Validity 22.09.2018 to 21.09.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Structural performance test	AS/NZS 4284 Clause 8.3 ASTM E330 BSEN 12211 BSEN 12210 (Test Chamber size upto 15 m X 15 m Test pressure range: + 0.1 kPa to +10 kPa)	Deflection range: 0.1 mm to 100 mm
		Seismic racking test	AS/NZS 4284 Clause 8.9 AAMA 501.4 (Test Chamber size up to 15 m X 15 m)	Qualitative (Visual)
		Structural proof load test	AS/NZS 4284 Clause 8.8 ASTM E330 BSEN 12211 (Test Chamber size upto 15 m X 15 m Test pressure range: + 0.5 kPa to +10 kPa)	Qualitative (Visual)
		Seal degradation test	AS/NZS 4284 Clause 8.10 (Test Chamber size up to 15 m X 15 m Test pressure range: 10 Pa to 5000 Pa)	Qualitative (Visual)
		BMU restraint test	AS/NZS 4284 Clause 8.7 (10N to 5000N)	Qualitative (Visual)
		Thermal cyclic test	AAMA 501.5 (Test Chamber size up to 15 m X 15 m Temperature range: -18 °C to 82 °C)	Qualitative (Visual)

Ramprasath R
Convenor

Jitendra B. Vispute
Program Manager



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Winwall Technology India Private Limited, 567-A, S.R. Kāndigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7687 (in lieu of T-4125)

Page 3 of 4

Validity 22.09.2018 to 21.09.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Metal/ Glass Railing System	Static infill load test	ASTM E935 Clause 10.4 ASTM E985 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm
		Uniform load test	ASTM E935 ASTM E985 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm
		Concentrated load test	ASTM E935 ASTM E985 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm
		Shot bag traction test	ASTM E2353 ASTM E2358 (203 J to 542 J)	Qualitative (Visual)
		Pendulum impact test	ASTM E2353 ASTM E2358 (10 J to 100 J)	Qualitative (Visual)

Ramprasath R
Convenor

Jitendra B. Vispute
Program Manager



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Winwall Technology India Private Limited, 567-A, S.R. Kandigai Road, Gummidipoondi, Dist. Thiruvallur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7687 (in lieu of T-4125)

Page 4 of 4

Validity 22.09.2018 to 21.09.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

MECHANICAL TESTING

AT SITE				
I.	BUILDING MATERIAL			
1.	Building Facades Curtain walls Windows	Air infiltration test	ASTM E783 (Test Chamber size up to 5 m X 5 m)	Air volume flow rate: 0.1 m ³ /hr to 400 m ³ /hr
		Static water penetration test	ASTM E1105 AAMA 501.2 (Test Chamber size up to 5 m X 5 m) Test pressure range: 10 Pa to 5000 Pa (205 KPa [30Psi] to 240 KPa [35Psi])	Qualitative (Visual)
2.	Metal/Glass Railing System	Static infill load test	ASTM E935 Clause 10.4 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm
		Uniform load test	ASTM E935 Clause 10.5 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm
		Concentrated load test	ASTM E935 Clause 10.6 ASTM E2358 (10 N to 5000 N)	Deflection range: 0.1 mm to 100 mm

Ramprasath R
Convenor

Jitendra B. Vispute
Program Manager