National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAINT - GOBAIN INDIA PRIVATE LIMITED (R&D LAB), PHASE II, 2, IIT MADRAS RESEARCH, SAINT-GOBAIN INDIA PRIVATE LIMITED,KANAGAM ROAD, TARAMANI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10577 **Page No** 1 of 4

Validity 29/04/2022 to 28/04/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar Direct Absorption AE1	Cl 5.4.5, EN 410
2	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	a* in indoor reflection	Cl 8.2.1, CIE 15
3	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	a* in outdoor reflection	Cl 8.2.1, CIE 15
4	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	a* in transmission	Cl 8.2.1, CIE 15
5	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	b* in indoor reflection	Cl 8.2.1, CIE 15
6	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	b* in outdoor reflection	Cl 8.2.1, CIE 15
7	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	b* in transmission	Cl 8.2.1, CIE 15
8	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Color rendering index in reflection Ra	Cl 3.9, ISO 9050
9	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Color rendering index in reflection Ra	Cl 5.6, EN 410
10	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Color rendering index in transmission Ra	Cl 3.9, ISO 9050
11	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Color rendering index in transmission Ra	Cl 5.6, EN 410
12	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Emissivity	Cl 5.1, ISO 10292
13	PHOTOMETRY-GLASSES/MIRRORS	Building glass	Emissivity	Cl 6, EN 12898
14	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Emissivity	Cl 9, NFRC 301
15	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Indoor light reflection Rli	Cl 3.4.2, ISO 9050
16	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Indoor light reflection Rli	Cl 5.3, EN 410
17	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Indoor light reflection Rli	Cl 6.2, IS 16231 (Part 2)
18	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Indoor light reflection Rli	Cl 6.3.2, NFRC 300

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19	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	L* in indoor reflection	Cl 8.2.1, CIE 15
20	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	L* in outdoor reflection	Cl 8.2.1, CIE 15
21	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	L* in Transmission	Cl 8.2.1, CIE 15
22	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Light transmission TL	Cl 3.3, ISO 9050
23	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Light transmission TL	Cl 5.11.4, IS 16231 (Part 2)
24	PHOTOMETRY-GLASSES/MIRRORS	Building glass	Light transmission TL	Cl 5.2, EN 410
25	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Light transmission TL	Cl 6.3.1, NFRC 300
26	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Outdoor light reflection Rle	Cl 3.4.1, ISO 9050
27	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Outdoor light reflection Rle	Cl 5.3, EN 410
28	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Outdoor light reflection Rle	Cl 6.1, IS 16231 (Part 2)
29	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Outdoor light reflection Rle	Cl 6.3.2, NFRC 300
30	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	RHG [Relative Heat Gain]	Cl 6, NFRC 300
31	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Shading coefficient [SC]	Cl 3.5, ISO 9050
32	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Shading coefficient [SC]	Cl 5.2.4, IS 16231 (Part 2)
33	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Shading coefficient [SC]	Cl 5.7, EN 410
34	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Shading coefficient [SC]	Cl 6, NFRC 300
35	PHOTOMETRY-GLASSES/MIRRORS	Building glass	SHGC [Solar Heat Gain Coefficient]	Cl 6, NFRC 300
36	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	SHGC [Solar Heat Gain Coefficient] or Total Solar energy transmittance or SF [Solar Factor]	IS 16231 (Part 2)

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37	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar Direct Absorption AE1	Cl 3.5.5, ISO 9050
38	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar Direct Absorption AE1	Cl 6, NFRC 300
39	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar Direct Absorption AE1	Cl 7.5, IS 16231 (Part 2)
40	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Indoor] Rei	Cl 3.5.4, ISO 9050
41	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Indoor] Rei	Cl 5.4.4, EN 410
42	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Indoor] Rei	Cl 6, NFRC 300
43	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Indoor] Rei	Cl 7.4, IS 16231 (Part 2)
44	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Outdoor] Ree	Cl 3.5.4, ISO 9050
45	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Outdoor] Ree	Cl 5.4.4, EN 410
46	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Outdoor] Ree	Cl 6, NFRC 300
47	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct reflection [Outdoor] Ree	Cl 7.4, IS 16231 (Part 2)
48	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct transmission Te	Cl 3.5.3, ISO 9050
49	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct transmission Te	Cl 5.4.3, EN 410
50	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct transmission Te	Cl 6, NFRC 300
51	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar direct transmission Te	Cl 7.3, IS 16231 (Part 2)
52	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar factor [g]	Cl 3.5, ISO 9050
53	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Solar factor [g]	Cl 5.4, EN 410
54	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Thermal transmittance Ug	Cl 4, ISO 10292
55	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Thermal transmittance Ug	Cl 5, EN 673

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56	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Thermal transmittance Ug - Summer	Cl 6, NFRC 300
57	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Thermal transmittance Ug - Winter	Cl 6, NFRC 300
58	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Ultraviolet Transmittance (TUV)	Cl 3.6, ISO 9050
59	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Ultraviolet Transmittance (TUV)	Cl 5.5, EN 410
60	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Ultraviolet Transmittance (TUV)	Cl 6, NFRC 300
61	PHOTOMETRY-GLASSES/MIRRORS	Building Glass	Ultraviolet Transmittance (TUV)	Cl 9, IS 16231 (Part 2)