



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

IKON CHEMICAL TESTING LAB PRIVATE LIMITED, GAMI INDUSTRIAL PARK, PLOT NO. C39A, UNIT NO. 34, 3RD FLOOR, PAWANE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-17851

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Validity

09/04/2026 to 08/04/2030

Last Amended on

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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 Testing				
1	CHEMICAL-CORROSION TESTS	Coated Products/ Panels/ Raw Materials	Neutral Salt Spray Test	IS 101 (Part 6, Section 1)
2	CHEMICAL-CORROSION TESTS	Coated Products/ Panels/ Raw Materials	Salt Spray (Fog) Test	ASTM B117
3	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Cross Cut Adhesion Test	ASTM D3359 (Method A & B)
4	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Blistering	IS 101 (Part 11, Section 2)
5	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Blistering	ASTM D714
6	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Cracking	IS 101 (Part 11, Section 4)
7	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Cracking	ASTM D661
8	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Rusting	IS 101 (Part 11, Section 3)
9	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Degree of Rusting	ASTM D610
10	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Dry Film Thickness	IS 101 (Part 3, Section 2)
11	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Effect of Heat	IS 101 (Part 7, Section 3, Method A, B & C)
12	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Effect of Household Chemicals on Clear and Pigmented Paint Systems	ASTM D1308
13	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Effect of Rapid Deformation (Impact Test)	ASTM D2794
14	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Evaluation of Painted or Coated Specimen for Corrosive Environments	ASTM D1654
15	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Film Hardness Test	IS 101 (Part 5, Section 1) - by Pencil Test



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16	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Flexibility - Bend Test	ASTM D522/D522M
17	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	High Temperature Service Test	ASTM D2485
18	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Humidity Exposure Test	ASTM D2247
19	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Immersion Test	ASTM D6943
20	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Impact Resistance (Falling Weight Test)	IS 101 (Part 5, Section 3)
21	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Pencil Hardness Test	ASTM D3363
22	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Pull-Off Adhesion Test	ASTM D4541 (Type II, Method B)
23	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Pull-Off Adhesion Test	IS 101 (Part 5, Section 2)
24	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Resistance to Humidity under Condition of Condensation	IS 101 (Part 6, Section 1)
25	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Resistance to Liquids	IS 101 (Part 7, Section 2)
26	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Scratch Hardness Test	IS 101 (Part 5, Section 2)
27	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Specular Gloss at 20°, 60° & 85°	ASTM D523
28	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Specular Gloss at 20°, 60° & 85°	IS 101 (Part 4, Section 4)
29	CHEMICAL- PAINTS & SURFACE COATING	Coated/ Painted Panel	Water Resistance Test	ASTM D870
30	CHEMICAL- PAINTS & SURFACE COATING	Free Film of Paint	Moisture Vapour Permeability	IS 101 (Part 6/ Sec 3)
31	CHEMICAL- PAINTS & SURFACE COATING	Free Film of Paint	Water Vapor Transmission	ASTM D1653



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32	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Consistency	IS 101 (Part 1, Section 5)
33	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Consistency	IS 101 (Part 1, Section 5) - by Stormer Type Viscometer
34	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Density	ASTM D1475
35	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Drying Curing Time (a. Surface Dry, b. Hard Dry, c. Tack-free Dry)	IS 101 (Part 3, Section 1)
36	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Drying Curing Time or Film Formation of Organic Coating (a. Dry-to Touch Time, b. Dry-Hard Time, c. Dry-Through Time, d. Dry-to-Recoat Time)	ASTM D1640/1640M
37	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Fineness of Dispersion	ASTM D1210
38	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Finish	IS 101 (Part 3, Section 4)
39	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Flash Point	ASTM D56
40	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Flash Point	IS 101 (Part 1, Section 6)
41	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Mass per 10 litres	IS 101 (Part 1, Section 7) - by Pycnometer or a Volume Cup
42	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Metallic Zinc	ASTM D521
43	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Viscosity	ASTM D1200 - by Ford Viscosity Cup
44	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Viscosity	ASTM D562 - by Stormer Type Viscometer
45	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Volatile Matter (% Solid) and Non-volatile Matter	IS 101 (Part 2, Section 2)



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46	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints	Wet Abrasion Test	ASTM D2486 (Method A)
47	CHEMICAL- PAINTS & SURFACE COATING	Liquid paints	Wet Abrasion Test	ASTM D2486 (Method B)
48	CHEMICAL- PAINTS & SURFACE COATING	Liquid Paints or Coated Sample	Color	IS 101 (Part 4, Section 2)