



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATLAS MATERIAL TESTING TECHNOLOGY (INDIA) PRIVATE LIMITED

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MECHANICAL

Valid To: August 31, 2024

Certificate Number: 0717.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on adhesives & sealants, agricultural & forest products, automotive products (including whole cars), aviation & aerospace materials, building materials (most applications & substrates), coatings, composites, geosynthetics, dyes, glass, inks, leather, packaging, photodegradable, plastics, rubber, textiles, windows & doors, wood & wood products.:

**Test:**

**Test Method:**

AATCC (American Association of Textile Chemists & Colorists)

AATCC EP001 Gray Scale for Color Change

ASTM (American Society for Testing and Materials)

ASTM D523 Specular Gloss

ASTM D610 Evaluating Degree of Rusting on Painted Steel Surfaces

ASTM D660 Evaluating Degree Checking of Exterior Paints

ASTM D661 Evaluating Degree Cracking of Exterior Paints

ASTM D662 Evaluating Degree Erosion of Exterior Paints

ASTM D714 Evaluating Degree Blistering of Paints

ASTM D772 Evaluating Degree Flaking (Scaling) of Exterior Paints

ASTM D1006 Conducting Exterior Exposure Tests of Paints on Wood

ASTM D1014 Conducting Exterior Exposure Tests of Paints on Steel

ASTM D1435 Outdoor Weathering of Plastics

ASTM D3274 Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation

ASTM E308-18 Computing the Colors of Objects by Using the CIE System

<b><u>Test:</u></b>	<b><u>Test Method:</u></b>
ASTM D4214	Evaluating Degree of Chalking of Exterior Paint Films
ASTM E313	Indexes of Whiteness and Yellowness of Near-White Opaque Materials
ASTM E1331	Reflectance Factor and Color by Spectrophotometry Using Hemispherical Geometry
ASTM G7	Atmospheric Environmental Exposure Testing of Nonmetallic Materials
ASTM G24	Conducting Exposures to Daylight Filtered Through Glass
ASTM G147	Conditioning and Handling of Nonmetallic Materials for Natural and Artificial Weathering Tests
ASTM D2244-1	Standard Practice for Calculation of Color Tolerances for Color Differences from Instrumentally Measured Color Coordinates

**DIN** (Deutsches Institut für Normung)

DIN EN ISO 11664-4	Colorimetry - Part 4: CIE 1976 L*a*b* Colour Space
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**ISO** (International Organization for Standardization)

ISO 105 A02	Grey Scale for Assessing Change in Colour
ISO 877-2	Direct Weathering and Exposure Behind Window Glass
ISO 2810	Paint and Varnishes - Notes for Guidance on the Conduct of Natural Weathering Tests
ISO 2813	Paint and Varnishes - Measurement of Specular Gloss of Nonmetallic Paint Films
ISO 4628-1, 2, 3, 4, 5, 6, 7	Paints and Varnishes - Evaluation of Degradation of Paint Coatings - Degradation of Paint Coatings, Intensity, Quality and Size of Common Types of Defect

Test methods listed above are used for the following types of tests:

**Weathering in a Tropical Environment:** Direct and under glass exposures at fixed or variable angle using standard panel racks, special mounting racks; black boxes; special fixtures designed to meet specific client needs, complete climatological data acquisition and reporting.

**Evaluations:** Visual inspection for all property changes detectable to the unaided eye or under magnification. Instrumental determination of instrumental color, color change, gloss, thickness, transmittance, whiteness index, yellowness index.



## Accredited Laboratory

A2LA has accredited

### ATLAS MATERIAL TESTING TECHNOLOGY (INDIA) PRIVATE LIMITED

Chennai, INDIA

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 7<sup>th</sup> day of December 2022.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council

Certificate Number 0717.06

Valid to August 31, 2024

Revised August 25, 2023

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*