



Test Methods & Standards Specifying the QUV Weathering Tester (Partial List)

General

ASTM G-151, Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
 ASTM G-154, Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Non-Metallic Materials
 British Standard BS 2782: Part 5, Method 540B (Methods of Exposure to Lab Light Sources)
 Colts Standard Test – UV Dye Resistance to Fade - QUV
 GB/T 14522 – Artificial Weathering Test Method for Plastics, Coatings, and Rubber Materials used for Machinery Industrial Products – Fluorescent UV Lamps
 GSB AL 631 – International Quality Guidelines for the Coatings of Aluminum Building Components
 ISO 4892-1 Plastics- Methods of exposure to laboratory light sources-Part 1: General Guidance
 JIS D 0205, Test Method of Weatherability for Automotive Parts (Japan)
 SAE J2020, Accelerated Exp. of Automotive Exterior Matls Using a Fluorescent UV/Condensation Apparatus

Plastics

ISO 4892 Plastics - Methods of Exposure to Laboratory Light Sources-Part 3: Fluorescent UV Lamps
 DIN 53 384, Testing of plastics, Artificial Weathering and Exposure to Artificial Light
 Spanish Standard UNE 53.104 (Stability of Plastics Materials Exposed to Simulated Sunlight)
 JIS K 7350, Plastics - Methods of Exposure to Laboratory Light Sources-Part 3: Fluorescent UV Lamps
 ASTM D-1248, Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable
 ASTM D-4329, Standard Practice for Light/Water Exposure of Plastics
 ASTM D-4674, Test Method for Accelerated Testing for Color Stability of Plastics Exposed to Indoor Fluorescent Lighting and Window-Filtered Daylight
 ASTM D-5208, Standard Practice for Exposure of Photodegradable Plastics
 ASTM D-6662, Standard Specification for Plastic Lumber Decking Boards
 ANSI C57.12.28 Specification for Accelerated Weathering of Padmounted Equipment Enclosure Integrity
 ANSI, A14.5 Specification for Accelerated Weathering of Portable Reinforced Plastic Ladders
 Edison Electrical Inst. Specification for Accelerated Weathering of Padmounted Equip. Enclosure Integrity
 Wisconsin Electric Power Specification for Polyethylene Signs

Adhesives & Sealants

Spanish Std, UNE 104-281-88 Accelerated Testing of Paints and Adhesives with Fluorescent UV Lamps
 ASTM C 1501, Standard Test Method for Color Stability of Building Construction Sealants as Determined by Laboratory Accelerated Weathering Procedures
 ASTM C-1184, Specification for Structural Silicone Sealants
 ASTM C-1442, Standard Practice for Conducting Tests on Sealants Using Artificial Weathering Apparatus
 ASTM D-904, Standard Practice for Exposure of Adhesive Specimens to Artificial Light
 ASTM D-5215, Standard Test Method for Instrumental Evaluation of Staining of Vinyl Flooring by Adhesives
 American Plywood Assn., Approval Procedures for Synthetic Patching Materials, Section 6

Printing Inks

ASTM F1945, Lightfastness of Ink Jet Prints Exposed to Indoor Fluorescent Lighting

Textiles

AATCC Test Method 186, "Weather Resistance: UV Light and Moisture Exposure"
ACFFA Test Method for Colorfastness of Vinyl Coated Polyester Fabrics

Coatings

Spanish Std, UNE 104-281-88 Accelerated Testing of Paints and Adhesives with Fluorescent UV Lamps
ASTM D-3794, Std. Guide for Testing Coil Coatings
ASTM D-4587, Std. Practice for Light/Water Exposure of Paint
GB/T 8013 Anodic Oxide Coatings and Organic Polymer Coatings on Aluminum and its Alloys
GB/T 16585 Rubber, Vulcanized Test Method of Resistance to Artificial Weathering – Fluorescent UV Lamps
GM 4367M Topcoat Materials - Exterior
GM 9125P Laboratory Accelerated Exposure of Automotive Material
ISO 11507, Exposure of Coatings to Artificial Weathering-Exposure to Fluorescent UV and water
ISO 20340, Performance Requirements for Protective Paint Systems for Offshore and Related Structures
JIS K 5600-7-8, Testing Methods for Paints
Korean Standard M5982-1990, Test Method for Accelerated Weathering
MS 133: Part F16: Exposure of Ctgs to Artificial Weathering- Exposure to Fluorescent UV and Water (ISO 11507)
NACE Standard TM-01-84 Procedures for Screening Atmospheric Surfaced coatings
NBR -15.380 Paints for buildings—Methods for performance evaluation of paints for non-industrial buildings – Resistance to UV irradiation/water vapor condensation, by accelerated test
NISSAN M0007, Fluorescent UV/Condensation Test
prEN 927-6– Pt. 6: Exposure of Wood Coatings to Artificial Weathering Using Fluorescent UV and Water
Spanish Std, UNE 104-281-88 Accelerated Testing of Paints and Adhesives with Fluorescent UV Lamps
US Government, FED-STD-141B

Roofing

British Standard BS 903: Part A54 Annex A & D, Methods of Testing Vulcanized Rubber
CGSB-37.54-M, Canadian General Standards Board Spec. for PVC Roofing & Waterproofing Membrane
DIN EN 534, Corrugated Bitumen Sheets
EOTA TR 010, Exposure procedure for artificial weathering
RMA Specification for Reinforced Non-Vulcanized Chlorosulfonated Polyethylene Sheet for Roofing Membrane
ASTM D-4799, Test Method for Accelerated Weathering of Bituminous Roofing Materials
ASTM D-4811, Std. Specification for Non-vulcanized Rubber Sheet Used as Roof Flashing
ASTM D-3105, List of Test Methods for Elastomeric and Plastomeric Roofing & Waterproofing
ASTM D-4434, Std. Specification for PVC Sheet Roofing
ASTM D-5019, Std. Specification for Reinforced Non-Vulcanized Polymeric Sheet Used in Roofing Membrane
ANSI/RMA IPR-1-1990 Req. for Non-Reinforced Black EPDM Sheet for Roofing Membrane
ANSI/RMA IPR-2-1990 Req. for Fabric-Reinforced Black EPDM Sheet for Roofing Membrane
ANSI/RMA IPR-5-1990 Req. for Non-Reinforced Non-Black EPDM Sheet for Roofing Membrane
ANSI/RMA IPR-6-1990 Req. for Fabric-Reinforced Non-Black EPDM Sheet for Roofing Membrane
EN 1297, Flexible sheets for waterproofing—Bitumen, plastic and rubber sheets for roof waterproofing — Method of artificial ageing by long term exposure to the combination of UV radiation, elevated temperature and water

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