



Test Methods & Material Standards

Specifying the QUV (Partial List)

General

ISO 4892-1 Plastics- Methods of exposure to laboratory light sources-Part 1: General Guidance
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)
SAE J2020, Accelerated Exp. of Automotive Exterior Matls Using a Fluorescent UV/Condensation Apparatus
JIS D 0205, Test Method of Weatherability for Automotive Parts (Japan)

Coatings

Korean Standard M5982-1990, Test Method for Accelerated Weathering
Spanish Std, UNE 104-281-88 Accelerated Testing of Paints and Adhesives with Fluorescent UV Lamps
Israeli Standard No. 330, Steel Windows
Israeli Standard No. 385, Plastic Windows
Israeli Standard No. 935, Road Marking Paint
Israeli Standard No. 1086, Aluminum Windows
NISSAN M0007, Fluorescent UV/Condensation Test
JIS K 5600-7-8, Testing Methods for Paints
ASTM D-3794, Standard Guide for Testing Coil Coatings
ASTM D-4587, Standard Practice for Light/Water Exposure of Paint
ISO 11507, Paints & varnishes-Exposure of coatings to artificial weathering-Exposure to fluorescent UV and water
ISO 20340, Paints & varnishes –Performance requirements for protective paint systems for offshore and related structures
US Government, FED-STD-141B
US Govt., Federal Specification TT-E-489H, Enamel, Alkyd, Gloss, Low VOC Content
US Govt., Federal Specification TT-E-527D, Enamel, Alkyd, Lusterless, Low VOC Content
US Govt., Federal Specification TT-E-529G, Enamel, Alkyd, Semigloss, Low VOC Content
US Govt., Federal Specification TT-P-19D Paint, Latex, Acrylic Emulsion, Ext. Wood & Masonry
NACE Standard TM-01-84 Procedures for Screening Atmospheric Surfaced coatings
GM4367M Topcoat Materials - Exterior
GM 9125P Laboratory Accelerated Exposure of Automotive Material
MS 133: Part F16, Methods of Test for Paints and Varnishes: Part F16: Exposure of Coatings to Artificial Weathering- Exposure to Fluorescent UV and Water (ISO 11507)
prEN 927-6 Paints & varnishes–Coating materials and coating systems for exterior wood – Pt. 6: Exposure of wood coatings to artificial weathering using fluorescent UV and water
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

Textiles

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

Printing Inks

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

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

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)

Israeli Standard No. 385, Plastic Windows

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

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, Standard Specification for Nonvulcanized Rubber Sheet Used as Roof Flashing

ASTM D-3105, List of Test Methods for Elastomeric and Plastomeric Roofing & Waterproofing

ASTM D-4434, Standard Specification for PVC Sheet Roofing

ASTM D-5019, Standard 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

Miscellaneous

Israeli Standard No. 385, Anodic Coatings on Aluminum