

ASTM Volume 06.01, February 2025

E2177-20 Standard Test Method for Measuring the Coefficient of Retroreflected Luminance (RL) of Pavement Markings using the Bucket Method in a Condition of Wet Recovery

E1708-20 Standard Practice for Electronic Interchange of Color and Appearance Data

D281-12(2021) Standard Test Method for Oil Absorption of Pigments by Spatula Rub-out

D1653-13(2021) Standard Test Methods for Water Vapor Transmission of Organic Coating Films

D8380-21 Standard Test Method for Dry Abrasion Resistance of Hydrophobic and Omniphobic Coatings

E809-21 Standard Practice for Measuring Photometric Characteristics of Retroreflectors

D4366-16(2021) Standard Test Methods for Hardness of Organic Coatings by Pendulum Damping Tests

E2022-16(2021) Standard Practice for Calculation of Weighting Factors for Tristimulus Integration

D4449-15(2021) Standard Test Method for Visual Evaluation of Gloss Differences Between Surfaces of Similar Appearance

E2729-16(2021) Standard Practice for Rectification of Spectrophotometric Bandpass Differences

E2539-14(2021) Standard Test Method for Multiangle Color Measurement of Interference Pigments

E2194-14(2021) Standard Test Method for Multiangle Color Measurement of Metal Flake Pigmented Materials

E1808-96(2021) Standard Guide for Designing and Conducting Visual Experiments

D1006/D1006M-21 Standard Practice for Conducting Exterior Exposure Tests of Hand and Factory Applied Paints on Wood and Wood Composite Materials

D5178-21 Standard Test Method for Mar Resistance of Organic Coatings

E991-21 Standard Practice for Color Measurement of Fluorescent Specimens Using the One-Monochromator Method

D7195-21 Standard Guide for Setting Object Color Specifications

D6037-21 Standard Test Methods for Dry Abrasion Mar Resistance of High Gloss Coatings

D5894-21 Standard Practice for Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet)

D2832-92(2016) Standard Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings

D3278-21 Standard Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus

D7869-17 Standard Practice for Xenon Arc Exposure Test with Enhanced Light and Water Exposure for Transportation Coatings

E2832-12(2017) Standard Test Method for Measuring the Coefficient of Retroreflected Luminance of Pavement Markings in a Standard Condition of Continuous Wetting (RL-2)

D523-14(2018) Standard Test Method for Specular Gloss

D2248-01a(2018) Standard Practice for Detergent Resistance of Organic Finishes

E1710-18 Standard Test Method for Measurement of Retroreflective Pavement Marking Materials with CEN-Prescribed Geometry Using a Portable Retroreflectometer

D4585/D4585M-18 Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation

D1259-06(2018) Standard Test Methods for Nonvolatile Content of Resin Solutions

D3960-05(2018) Standard Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings

D7588-11(2018) Standard Guide for FT-IR Fingerprinting of a Non-Aqueous Liquid Paint as Supplied in the Manufacturer's Container

D7768-12(2018) Standard Test Method for Speciated Organic Volatile Content of Waterborne Multi-Component Coatings by Gas Chromatography

D6440-10(2018) Standard Terminology Relating to Hydrocarbon Resins

D4061-13(2018) Standard Test Method for Retroreflectance of Horizontal Coatings

E3165-18 Standard Test Method for Nighttime Retroreflected Chromaticity of Retroreflective Sheeting

D4060-19 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser

D610-08(2019) Standard Practice for Evaluating Degree of Rusting on Painted Steel Surfaces

E313-20 Standard Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates

D7540-09(2019) Standard Practice for Dispersion of Chromatic Pigments with a Mechanical Muller

D4209-07(2019) Standard Practice for Determining Volatile and Nonvolatile Content of Cellulosics, Emulsions, Resin Solutions, Shellac, and Varnishes

D714-02(2017) Standard Test Method for Evaluating Degree of Blistering of Paints

D660-93(2019) Standard Test Method for Evaluating Degree of Checking of Exterior Paints

D662-93(2019) Standard Test Method for Evaluating Degree of Erosion of Exterior Paints

D661-93(2019) Standard Test Method for Evaluating Degree of Cracking of Exterior Paints

D3969-01(2019)e1 Standard Test Method for Zirconium in Paint Driers by EDTA Method

D3989-01(2019)e1 Standard Test Method for Total Rare Earth Metals in Paint Driers by EDTA Method

D2616-19 Standard Test Method for Evaluation of Visual Color Difference With a Gray Scale

E1360-05(2019) Standard Practice for Specifying Color by Using the Optical Society of America Uniform Color Scales System

E2367-05(2019) Standard Test Method for Measurement of Nighttime Chromaticity of Pavement Marking Materials Using a Portable Retroreflection Colorimeter

D7356/D7356M-19 Standard Test Method for Accelerated Acid Etch Weathering of Automotive Clearcoats Using a Xenon-Arc Exposure Device

E2387-19 Standard Practice for Goniometric Optical Scatter Measurements

D5589-19 Standard Test Method for Determining the Resistance of Paint Films and Related Coatings to Algal Defacement

D3806-19a Standard Test Method of Small-Scale Evaluation of Fire-Retardant Paints (2-Foot Tunnel Method)

D3335-85a(2020) Standard Test Method for Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy

E1347-06(2020) Standard Test Method for Color and Color-Difference Measurement by Tristimulus Colorimetry

D2803-09(2020) Standard Guide for Testing Filiform Corrosion Resistance of Organic Coatings on Metal

D3964-10(2020) Standard Practice for Selection of Coating Specimens for Appearance Measurements

D1212-91(2020) Standard Test Methods for Measurement of Wet Film Thickness of Organic Coatings

D5895-20 Standard Test Methods for Evaluating Drying or Curing During Film Formation of Organic Coatings Using Mechanical Recorders

D4414-95(2020) Standard Practice for Measurement of Wet Film Thickness by Notch Gages

D3934-20 Standard Test Method for Flash/No Flash Test—Equilibrium Method by a Closed-Cup Apparatus

D3941-20 Standard Test Method for Flash Point by the Equilibrium Method With a Closed-Cup Apparatus

E2175-01(2021) Standard Practice for Specifying the Geometry of Multiangle Spectrophotometers

D332-87(2020) Standard Test Method for Relative Tinting Strength of White Pigments by Visual Observation

E811-09(2020)e1 Standard Practice for Measuring Colorimetric Characteristics of Retroreflectors Under Nighttime Conditions

D2371-19 Standard Test Method for Pigment Content of Solvent-Reducible Paints

D1014-18 Standard Practice for Conducting Exterior Exposure Tests of Paints and Coatings on Metal Substrates

E1341-16(2020) Standard Practice for Obtaining Spectroradiometric Data from Radiant Sources for Colorimetry

D7187-20 Standard Test Method for Measuring Mechanistic Aspects of Scratch/Mar Behavior of Paint Coatings by Nanoscratching

D5125-10(2020)e1 Standard Test Method for Viscosity of Paints and Related Materials by ISO Flow Cups

D7836-13(2020) Standard Test Methods for Measurement of Yield Stress of Paints, Inks and Related Liquid Materials

D7867-13(2020) Standard Test Methods for Measurement of the Rotational Viscosity of Paints, Inks and Related Liquid Materials as a Function of Temperature

D5201-05a(2020) Standard Practice for Calculating Formulation Physical Constants of Paints and Coatings

D1475-13(2020) Standard Test Method for Density of Liquid Coatings, Inks, and Related Products

D5722-20 Standard Practice for Performing Accelerated Outdoor Weathering of Factory-Coated Embossed Hardboard Using Concentrated Natural Sunlight and a Soak-Freeze-Thaw Procedure

E810-20 Standard Test Method for Coefficient of Retroreflection of Retroreflective Sheeting Utilizing the Coplanar Geometry

D2196-20 Standard Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational Viscometer

D6905-20 Standard Practice for Impact Flexibility of Organic Coatings

D5145-09(2021) Standard Test Methods for Nonvolatile and Pigment Content of Electrocoat Baths

D5381-93(2021) Standard Guide for X-Ray Fluorescence (XRF) Spectroscopy of Pigments and Extenders

D5380-93(2021) Standard Test Method for Identification of Crystalline Pigments and Extenders in Paint by X-Ray Diffraction Analysis

D5200-03(2021) Standard Test Method for Determination of Weight Percent Volatile Content of Solvent-Borne Paints in Aerosol Cans

D1310-14(2021) Standard Test Method for Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus

D3804-02(2021) Standard Test Method for Iron in Paint Driers by EDTA Method

D4834-03(2021) Standard Test Method for Detection of Lead in Paint by Direct Aspiration Atomic Absorption Spectroscopy

D5087-02(2021) Standard Test Method for Determining Amount of Volatile Organic Compound (VOC) Released from Solventborne Automotive Coatings and Available for Removal in a VOC Control Device (Abatement)

D5794-95(2021) Standard Guide for Determination of Anions in Cathodic Electrocoat Permeates by Ion Chromatography

D5325-03(2021) Standard Test Method for Determination of Weight Percent Volatile Content of Water-Borne Aerosol Paints

D7245-09(2021) Standard Test Method for Measuring Total Water and Volatiles in Liquid Coatings Which Produce Cure Water Upon Heating

D6191-97(2021) Standard Test Method for Measurement of Evolved Formaldehyde from Water Reducible Air-Dry Coatings

D4610-98(2021) Standard Guide for Determining the Presence of and Removing Microbial (Fungal or Algal) Growth on Paint and Related Coatings

D522/D522M-17(2021) Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings

D2370-16(2021) Standard Test Method for Tensile Properties of Organic Coatings

D3274-09(2021) Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth, or Soil and Dirt Accumulation

D5590-17(2021) Standard Test Method for Determining the Resistance of Paint Films and Related Coatings to Fungal Defacement by Accelerated Four-Week Agar Plate Assay

D7855/D7855M-13(2021) Standard Test Method for Determination of Mold Growth on Coated Building Products Designed for Interior Applications Using an Environmental Chamber and Indirect Inoculation

D5588-97(2021) Standard Test Method for Determination of the Microbial Condition of Paint, Paint Raw Materials, and Plant Areas

D5179-16(2021) Standard Test Method for Measuring Adhesion of Organic Coatings in the Laboratory by Direct Tensile Method

D1735-21 Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus

D869-21 Standard Test Method for Evaluating Degree of Settling of Paint

D3273-21 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber

D4141/D4141M-22 Standard Practice for Conducting Black Box and Solar Concentrating Exposures of Coatings

D7334-08(2022) Standard Practice for Surface Wettability of Coatings, Substrates and Pigments by Advancing Contact Angle Measurement

D7490-13(2022) Standard Test Method for Measurement of the Surface Tension of Solid Coatings, Substrates and Pigments using Contact Angle Measurements

E1709-16(2022) Standard Test Method for Measurement of Retroreflective Signs Using a Portable Retroreflectometer at a 0.2 Degree Observation Angle

E2302-03a(2022) Standard Test Method for Measurement of the Luminance Coefficient Under Diffuse Illumination of Pavement Marking Materials Using a Portable Reflectometer

E2540-16(2022) Standard Test Method for Measurement of Retroreflective Signs Using a Portable Retroreflectometer at a 0.5 Degree Observation Angle

D1729-22 Standard Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials

D7091-22 Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals

D4451-22 Standard Test Method for Pigment Content of Paints by Low-Temperature Ashing

D3361/D3361M-22 Standard Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings

E805-22 Standard Practice for Identification of Instrumental Methods of Color or Color-Difference Measurement of Materials

E3040-22 Standard Practice for Evaluation of Instrumental Color Difference with a Gray Scale

D609-17(2022) Standard Practice for Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products

D823-18(2022) Standard Practices for Producing Films of Uniform Thickness of Paint, Coatings and Related Products on Test Panels

D1640/D1640M-14(2022) Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings

D6991-17(2022) Standard Test Method for Measurements of Internal Stresses in Organic Coatings by Cantilever (Beam) Method

E3320-21 Standard Test Method for Measurement of Retroreflective Pavement Marking Materials Using a Mobile Retroreflectometer Unit (MRU)

D3624-85a(2022) Standard Test Method for Low Concentrations of Mercury in Paint by Atomic Absorption Spectroscopy

D3717-85a(2022) Standard Test Method for Low Concentrations of Antimony in Paint by Atomic Absorption Spectroscopy

D4138-07a(2022) Standard Practices for Measurement of Dry Film Thickness of Protective Coating Systems by Destructive, Cross-Sectioning Means

D4584-05(2022) Standard Test Method for Measuring Apparent pH of Electrocoat Baths

D6132-13(2022) Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage

D6438-05(2022) Standard Test Method for Acetone, Methyl Acetate, and Parachlorobenzotrifluoride Content of Paints, and Coatings by Solid Phase Microextraction-Gas Chromatography

E1455-17(2022) Standard Practice for Obtaining Colorimetric Data from a Visual Display Unit Using Tristimulus Colorimeters

E2480-12(2022) Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method with Multi-Valued Measurands

D3718-85A(2022)e1 Standard Test Method for Low Concentrations of Chromium in Paint by Atomic Absorption Spectroscopy

D3363-22 Standard Test Method for Film Hardness by Pencil Test

D968-22 Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive

D3723-22 Standard Test Method for Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing

D2697-22 Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings

D1210-05(2022) Standard Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage

D2197-16(2022) Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion

D7541-11(2022) Standard Practice for Estimating Critical Surface Tensions

E308-22 Standard Practice for Computing the Colors of Objects by Using the CIE System

E179-17(2022) Standard Guide for Selection of Geometric Conditions for Measurement of Reflection and Transmission Properties of Materials

E1349-06(2022) Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Bidirectional ($45^{\circ}:0^{\circ}$ or $0^{\circ}:45^{\circ}$) Geometry

E1477-98a(2022) Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers

E1682-08(2022) Standard Guide for Modeling the Colorimetric Properties of a CRT-Type Visual Display Unit

E1696-15(2022) Standard Test Method for Field Measurement of Raised Retroreflective Pavement Markers Using a Portable Retroreflectometer

E2970-22 Standard Practice for Specifying Color by the Natural Colour System (NCS)

E1767-11(2022) Standard Practice for Specifying the Geometries of Observation and Measurement to Characterize the Appearance of Materials

E2301-12(2022) Standard Test Method for Daytime Colorimetric Properties of Fluorescent Retroreflective Sheeting and Marking Materials for High Visibility Traffic Control and Personal Safety Applications Using 45°:Normal Geometry

E2501-11(2022) Standard Specification for Light Source Products for Inspection of Fluorescent Coatings

E1348-22 Standard Test Method for Transmittance and Color by Spectrophotometry Using Hemispherical Geometry

D2485-22 Standard Test Methods for Evaluating Coatings For High Temperature Service

E284-22 Standard Terminology of Appearance

D3925-02(2022) Standard Practice for Sampling Liquid Paints and Related Pigmented Coatings

D2372-85(2022) Standard Practice for Separation of Vehicle From Solvent-Reducible Paints

D2698-05(2022) Standard Test Method for Determination of the Pigment Content of Solvent-Reducible Paints by High-Speed Centrifuging

D3792-16(2022) Standard Test Method for Water Content of Coatings by Direct Injection Into a Gas Chromatograph

D3168-85(2022) Standard Practice for Qualitative Identification of Polymers in Emulsion Paints

D4017-22 Standard Test Method for Water in Paints and Paint Materials by Karl Fischer Method

D4563-02(2022) Standard Test Method for Determination by Atomic Absorption Spectroscopy of Titanium Dioxide Content of Pigments Recovered From Whole Paint

D4827-03(2022) Standard Test Method for Determining the Unreacted Monomer Content of Latexes Using Capillary Column Gas Chromatography

D4948-89(2022) Standard Test Method for Determination of the Upper Layer Separated from a Viscous Liquid

D6093-97(2022) Standard Test Method for Percent Volume Nonvolatile Matter in Clear or Pigmented Coatings Using a Helium Gas Pycnometer

D5478-13(2022) Standard Test Methods for Viscosity of Materials by a Falling Needle Viscometer

D7232-06(2022) Standard Test Method for Rapid Determination of the Nonvolatile Content of Coatings by Loss in Weight

E848-94(2022) Standard Guide for Safety and Health Requirements Relating to Occupational Exposure to Water-Insoluble Chromates

D6675-23 Standard Practice for Salt-Accelerated Outdoor Cosmetic Corrosion Testing of Organic Coatings on Automotive Sheet Steel

D4764-01(2023) Standard Test Method for Determination by X-ray Fluorescence Spectroscopy of Titanium Dioxide Content in Paint

D562-10(2023) Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer

D1474/D1474M-13(2023) Standard Test Methods for Indentation Hardness of Organic Coatings

D7394-18(2023) Standard Practice for Rheological Characterization of Architectural Coatings using Three Rotational Bench Viscometers

D7395-18(2023) Standard Test Method for Cone/Plate Viscosity at a 500 s⁻¹ Shear Rate

D2454-23 Standard Practice for Determining the Effect of Overbaking on Organic Coatings

D3359-23 Standard Test Methods for Rating Adhesion by Tape Test

D2201-23 Standard Practice for Preparation of Zinc-Coated and Zinc-Alloy-Coated Steel Panels for Testing Paint and Related Coating Products

D3891-23 Standard Practice for Preparation of Glass Panels for Testing Paint, Varnish, Lacquer, and Related Products

D4587-23 Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings

D1200-23 Standard Test Method for Viscosity by Ford Viscosity Cup

D2244-23 Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates

D1483-12(2023) Standard Test Method for Oil Absorption of Pigments by Gardner-Coleman Method

D1535-14(2023) Standard Practice for Specifying Color by the Munsell System

D2613-01(2023) Standard Test Method for Calcium or Zinc in Paint Driers by EDTA Method

D3988-05(2023) Standard Test Method for Vanadium in Paint Driers by EDTA Method

D3970-05(2023) Standard Test Method for Cerium in Paint Driers by Oxidimetric Determination

D4039-09(2023) Standard Test Method for Reflection Haze of High-Gloss Surfaces

D4370-01(2023) Standard Test Methods for Acid and Base Milliequivalent Content of Electrocoat Bath

D4399-05(2023) Standard Test Method for Measuring Electrical Conductivity of Electrocoat Baths

D5682-18(2023) Standard Test Methods for Electrical Resistivity of Liquid Paint and Related Materials

D6266-00a(2023) Standard Test Method for Determining the Amount of Volatile Organic Compound (VOC) Released From Waterborne Automotive Coatings and Available for Removal in a VOC Control Device (Abatement)

D6619-00(2023) Standard Practice for Incorporating Pigments by High Speed Dispersion

E1499-16(2023) Standard Guide for Selection, Evaluation, and Training of Observers

E2152-12(2023) Standard Practice for Computing the Colors of Fluorescent Objects from Bispectral Photometric Data

E2153-01(2023) Standard Practice for Obtaining Bispectral Photometric Data for Evaluation of Fluorescent Color

E2867-14(2023) Standard Practice for Estimating Uncertainty of Test Results Derived from Spectrophotometry

D564-87(2023) Standard Test Methods for Liquid Paint Driers

D1544-04(2023) Standard Test Method for Color of Transparent Liquids (Gardner Color Scale)

D1545-13(2023) Standard Test Method for Viscosity of Transparent Liquids by Bubble Time Method

D1644-01(2023) Standard Test Methods for Nonvolatile Content of Varnishes

D2745-00(2023) Standard Test Method for Relative Tinting Strength of White Pigments by Reflectance Measurements

D2805-11(2023) Standard Test Method for Hiding Power of Paints by Reflectometry

D6580-17(2023) Standard Test Method for The Determination of Metallic Zinc Content in Both Zinc Dust Pigment and in Cured Films of Zinc-Rich Coatings

D6762-18(2023) Standard Test Method for Determining the Hiding Power of Paint by Visual Evaluation of Spray Applied Coatings

D6902-04(2023) Standard Test Method for Laboratory Measurement of Formaldehyde Evolved During the Curing of Melamine-Formaldehyde-Based Coatings

D4212-16(2023) Standard Test Method for Viscosity by Dip-Type Viscosity Cups

D5531-17(2023) Standard Guide for Preparation, Maintenance, and Distribution of Physical Product Standards for Color and Geometric Appearance of Coatings

D6131-17(2023) Standard Test Method for Evaluating the Relative Tint Undertone of Titanium Dioxide Pigments

E430-23 Standard Test Methods for Measurement of Gloss of High-Gloss Surfaces by Abridged Goniophotometry

D4214-23 Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films

D4287-00(2023) Standard Test Method for High-Shear Viscosity Using a Cone/Plate Viscometer

E1336-11(2023) Standard Test Method for Obtaining Colorimetric Data From a Visual Display Unit by Spectroradiometry

E1331-15(2023) Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Hemispherical Geometry

E1247-12(2023) Standard Practice for Detecting Fluorescence in Object-Color Specimens by Spectrophotometry

D4086-18(2023) Standard Practice for Visual Evaluation of Metamerism

D5767-18(2023) Standard Test Method for Instrumental Measurement of Distinctness-of-Image (DOI) Gloss of Coated Surfaces

E2214-23 Standard Practice for Specifying and Verifying the Performance of Color-Measuring Instruments

D822-23 Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings

D5031-23 Standard Practice for Enclosed Carbon-Arc Exposure Tests of Paint and Related Coatings

E808-23 Standard Practice for Describing Retroreflection

E1164-23 Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation

D6631-05(2023) Standard Guide for Committee D01 for Conducting an Interlaboratory Study for the Purpose of Determining the Precision of a Test Method

D16-24 Standard Terminology for Paint, Related Coatings, Materials, and Applications

D2134-19(2024) Standard Test Method for Determining the Hardness of Organic Coatings with a Sward-Type Hardness Rocker

D2794-93(2024) Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)

D4708-24 Standard Practice for Preparation of Uniform Free Films of Organic Coatings

D2369-24 Standard Test Method for Volatile Content of Coatings

D8090-24 Standard Test Method for Particle Size Distribution of Paints and Pigments Using Dynamic Imaging Methods

D772-24 Standard Test Method for Evaluating Degree of Flaking (Scaling) of Exterior Paints

D3924-24 Standard Specification for Standard Environment for Conditioning and Testing Paint, Varnish, Lacquer, and Related Materials

D870-15(2020)e1 Standard Practice for Testing Water Resistance of Coatings Using Water Immersion

D2247-15(2020)e1 Standard Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity

E3415-24 Standard Practice for Calculating the Colors of Objects by Using the ASTM Method

E2072-24 Standard Specification for Photoluminescent (Phosphorescent) Safety Markings

D1331-20(2024) Standard Test Methods for Surface and Interfacial Tension of Solutions of Paints, Solvents, Solutions of Surface-Active Agents, and Related Materials

D2574-16(2024) Standard Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms

D4359-90(2024) Standard Test Method for Determining Whether a Material Is a Liquid or a Solid

E1345-24 Standard Practice for Reducing the Effect of Variability of Color Measurement by Use of Multiple Measurements

E2073-24 Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings

D7767-11(2024) Standard Test Method to Measure Volatiles from Radiation Curable Acrylate Monomers, Oligomers, and Blends and Thin Coatings Made from Them

D1978-91(2024) Standard Guide for Analysis of Electrocoat Bath Samples

D4206-96(2024) Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus

D6695-24 Standard Practice for Xenon-Arc Exposures of Paint and Related Coatings

D6133-24 Standard Test Method for Acetone, p-Chlorobenzotrifluoride, Methyl Acetate or t-Butyl Acetate Content of Solventborne and Waterborne Paints, Coatings, Resins, and Raw Materials by Direct Injection Into a Gas Chromatog

D3456-24 Standard Practice for Determining by Exterior Exposure Tests the Susceptibility of Paint Films to Microbiological Attack

D1654-24 Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments

D3134-15(2024) Standard Practice for Establishing Color and Gloss Tolerances

D6886-24 Standard Test Method for Determination of the Weight Percent Individual Volatile Organic Compounds in Air-Dry Low VOC Coatings by Gas Chromatography

D7358-07(2024) Standard Test Method for Water Content of Paints by Quantitative Calcium Hydride Reaction Test Kit

D4140-24 Standard Guide for Determining Volatile and Nonvolatile Content of Driers, Naval Stores, and Solvents

D1005-95(2024) Standard Test Method for Measurement of Dry-Film Thickness of Organic Coatings Using Micrometers

D2621-87(2024) Standard Test Method for Infrared Identification of Vehicle Solids From Solvent-Reducible Paints

D8597-24 Standard Test Method for Surface Wettability of Coatings, Substrates, and Pigments by Contact Angle Measurement Using Portable Goniometers