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E1918-21 Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field

E102/E102M-93(2021) Standard Test Method for Saybolt Furol Viscosity of Bituminous Materials at High Temperatures

D6622/D6622M-20 Standard Guide for Application of Fully Adhered Hot-Applied Reinforced Waterproofing Systems

D5849/D5849M-21 Standard Test Method for Evaluating Resistance of Modified Bituminous Roofing Membrane to Cyclic Fatigue (Joint Displacement)

D5385/D5385M-20 Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes

D4434/D4434M-21 Standard Specification for Poly(Vinyl Chloride) Sheet Roofing

D3320/D3320M-18 Standard Specification for Emulsified Coal-Tar Pitch (Mineral Colloid Type)

D7635/D7635M-18 Standard Test Method for Measurement of Thickness of Coatings Over Fabric Reinforcement

D7119/D7119M-21 Standard Guide for Sampling Spray Polyurethane Foam and Coating in Roofing

D228/D228M-21 Standard Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing

D1970/D1970M-21 Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection

R0009 Abbreviated Metric Practice Guide for the Roofing Industry (This is not an ASTM standard)

D7379/D7379M-08(2021) Standard Test Methods for Strength of Modified Bitumen Sheet Material Laps Using Cold Process Adhesive

D2178/D2178M-15a(2021) Standard Specification for Asphalt Glass Felt Used in Roofing and Waterproofing

D1668/D1668M-97a(2021) Standard Specification for Glass Fabrics (Woven and Treated) for Roofing and Waterproofing

D7053/D7053M-17 Standard Guide for Determining and Evaluating Causes of Water Leakage of Low-Sloped Roofs

D7851-17 Standard Guide for Design of Sustainable, Low-Slope Roofing Systems

D3019/D3019M-17 Standard Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibred, and Fibred

D8014-17 Standard Guide for Selection of Membranes Used in Vegetative Roofing Systems

C957/C957M-17 Standard Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface

C898/C898M-09(2017) Standard Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Separate Wearing Course

D6705/D6705M-04(2018) Standard Guide for Repair and Recoat of Spray Polyurethane Foam Roofing Systems

D6506/D6506M-01(2018)e1 Standard Specification for Asphalt Based Protection Board for Below-Grade Waterproofing

D5295/D5295M-18 Standard Guide for Preparation of Concrete Surfaces for Adhered (Bonded) Membrane Waterproofing Systems

D2824/D2824M-18 Standard Specification for Aluminum-Pigmented Asphalt Roof Coatings,

Nonfibered, and Fibered without Asbestos

D6511/D6511M-18 Standard Test Methods for Solvent Bearing Bituminous Compounds

D4-86(2018) Standard Test Method for Bitumen Content

D450/D450M-07(2018) Standard Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing

D43/D43M-00(2018) Standard Specification for Coal Tar Primer Used in Roofing, Dampproofing, and Waterproofing

D1863/D1863M-05(2018) Standard Specification for Mineral Aggregate Used on Built-Up Roofs

D4586/D4586M-07(2018) Standard Specification for Asphalt Roof Cement, Asbestos-Free

D4479/D4479M-07(2018) Standard Specification for Asphalt Roof Coatings—Asbestos-Free

D3791/D3791M-11(2018) Standard Practice for Evaluating the Effects of Heat on Asphalts

D5081/D5081M-90(2018) Standard Test Method for Aggregate Layer Hiding Power

D5643/D5643M-06(2018) Standard Specification for Coal Tar Roof Cement, Asbestos Free

D5100/D5100M-95a(2018) Standard Test Method for Adhesion of Mineral Aggregate to Hot Bitumen

D7654/D7654M-10(2018) Standard Specification for Asphalt Used in Roofing Measured by Dynamic Shear Rheometer

D6356/D6356M-98(2018) Standard Test Method for Hydrogen Gas Generation of Aluminum Emulsified Asphalt Used as a Protective Coating for Roofing

D173/D173M-03(2018) Standard Specification for Bitumen-Saturated Cotton Fabrics Used

in Roofing and Waterproofing

D1187/D1187M-97(2018) Standard Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal

D6152/D6152M-12(2018) Standard Specification for SEBS-Modified Mopping Asphalt Used in Roofing

D227/D227M-03(2018) Standard Specification for Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing

D5147/D5147M-18 Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material

D6769/D6769M-02(2018) Standard Guide for Application of Fully Adhered, Cold-Applied, Prefabricated Reinforced Modified Bituminous Membrane Waterproofing Systems

D2523/D2523M-13(2019)e1 Standard Practice for Testing Load-Strain Properties of Roofing Membranes

D4073/D4073M-06(2019)e1 Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes

E2400/E2400M-19 Standard Guide for Selection, Installation, and Maintenance of Plants for Vegetative (Green) Roof Systems

E2396/E2396M-19 Standard Test Method for Saturated Water Permeability of Granular Drainage Media [Falling-Head Method] for Vegetative (Green) Roof Systems

D7694/D7694M-18 Standard Test Methods for Self-Adhesive Modified Bituminous Sheet Material

E2399/E2399M-19 Standard Test Method for Maximum Media Density for Dead Load Analysis of Vegetative (Green) Roof Systems

E2397/E2397M-19 Standard Practice for Determination of Dead Loads and Live Loads

Associated with Vegetative (Green) Roof Systems

E2398/E2398M-19 Standard Test Method for Water Capture and Media Retention of Geocomposite Drain Layers for Vegetative (Green) Roof Systems

D36/D36M-14(2020) Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)

D6294/D6294M-13(2019) Standard Test Method for Corrosion Resistance of Ferrous Metal Fastener Assemblies Used in Roofing and Waterproofing

D5076/D5076M-13(2019) Standard Test Method for Measuring Voids in Roofing and Waterproofing Membranes

D1227/D1227M-13(2019)e1 Standard Specification for Emulsified Asphalt Used as a Protective Coating for Roofing

D7105/D7105M-06(2019)e1 Standard Test Method for Determining the Adhesive and Cohesive Strength Between Materials in Roofing or Waterproofing Membranes and Systems

D4932/D4932M-89(2019) Standard Test Method for Fastener Rupture and Tear Resistance of Roofing and Waterproofing Sheets, Roll Roofing, and Shingles

D8231-19 Standard Practice for the Use of a Low Voltage Electronic Scanning System for Detecting and Locating Breaches in Roofing and Waterproofing Membranes

D7636/D7636M-11(2019) Standard Practice for Sampling and Analysis of Modified Bitumen Roof Systems

E1980-11(2019) Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

D7349/D7349M-15(2019) Standard Test Method for Determining the Capability of Roofing and Waterproofing Materials to Seal Around Fasteners

D6134/D6134M-07(2019)e1 Standard Specification for Vulcanized Rubber Sheets Used in

Waterproofing Systems

D7425/D7425M-13(2019) Standard Specification for Spray Polyurethane Foam Used for Roofing Applications

E2777-20 Standard Guide for Vegetative (Green) Roof Systems

C981-20 Standard Guide for Design of Built-Up Bituminous Membrane Waterproofing Systems for Building Decks

D2626/D2626M-04(2020) Standard Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing

D1327/D1327M-04(2020) Standard Specification for Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing

D3161/D3161M-20 Standard Test Method for Wind Resistance of Steep Slope Roofing Products (Fan-Induced Method)

D3468/D3468M-99(2020) Standard Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing

D6225/D6225M-98(2020) Standard Test Method for Granule Cover of Mineral-Surfaced Roofing

D4990-97a(2020) Standard Specification for Coal-Tar Glass Felt Used in Roofing and Waterproofing

D4601/D4601M-04(2020) Standard Specification for Asphalt-Coated Glass Fiber Base Sheet Used in Roofing

D1079-20 Standard Terminology Relating to Roofing and Waterproofing

D4977/D4977M-20 Standard Test Method for Granule Adhesion to Mineral-Surfaced Roofing by Abrasion

D146/D146M-04(2020) Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing

D5726-98(2020) Standard Specification for Thermoplastic Fabrics Used in Hot-Applied Roofing and Waterproofing

D7051-05(2020) Standard Test Method for Cyclic Thermal Shock of SBS-Modified Bituminous Roofing Sheets with Factory-Applied Metal Surface

D1370/D1370M-12(2021) Standard Test Method for Contact Compatibility Between Asphaltic Materials (Oliensis Test)

D7158/D7158M-20 Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)

D4798/D4798M-11(2021) Standard Practice for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Xenon-Arc Method)

D4989/D4989M-90a(2021) Standard Test Method for Apparent Viscosity (Flow) of Roofing Bitumens Using the Parallel Plate Plastometer

D2521/D2521M-76(2021) Standard Specification for Asphalt Used in Canal, Ditch, and Pond Lining

D4869/D4869M-16a(2021) Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing

D8013-16(2021) Standard Guide for Establishing a Recycle Program for Roof Coverings, Roofing Membrane, and Shingle Materials

D449/D449M-03(2021) Standard Specification for Asphalt Used in Dampproofing and Waterproofing

D6/D6M-95(2018) Standard Test Method for Loss on Heating of Oil and Asphaltic Compounds

D88/D88M-07(2019)e1 Standard Test Method for Saybolt Viscosity

D7281-07(2021) Standard Test Method for Determining Water Migration Resistance Through Roof Membranes

D7186-14(2021) Standard Practice for Quality Assurance Observation of Roof Construction and Repair

D6878/D6878M-21 Standard Specification for Thermoplastic Polyolefin-Based Sheet Roofing

D4830/D4830M-98(2021) Standard Test Methods for Characterizing Thermoplastic Fabrics Used in Roofing and Waterproofing

D5665/D5665M-99a(2021) Standard Specification for Thermoplastic Fabrics Used in Cold-Applied Roofing and Waterproofing

D6136/D6136M-15(2021) Standard Test Method for Kerosine Number of Unsaturated (Dry) Felt by Vacuum Method

D6221/D6221M-00(2021) Standard Specification for Reinforced Bituminous Flashing Sheets for Roofing and Waterproofing

C1522-05(2021) Standard Test Method for Extensibility After Heat Aging of Cold Liquid-Applied Elastomeric Waterproofing Membranes

D5405/D5405M-98(2021) Standard Test Method for Conducting Time-to-Failure (Creep-Rupture) Tests of Joints Fabricated from Nonbituminous Organic Roof Membrane Material

D5898/D5898M-96(2021) Standard Guide for Standard Details for Adhered Sheet Waterproofing

D5957-98(2021) Standard Guide for Flood Testing Horizontal Waterproofing Installations

D6162/D6162M-21 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber

Reinforcements

D6164/D6164M-21 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements

D6163/D6163M-21 Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements

D6383/D6383M-99(2021) Standard Practice for Time-to-Failure (Creep-Rupture) of Adhesive Joints Fabricated from EPDM Roof Membrane Material

D6223/D6223M-21 Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements

D6451/D6451M-99(2021) Standard Guide for Application of Asphalt-Based Protection Board

D7832/D7832M-14(2021) Standard Guide for Performance Attributes of Waterproofing Membranes Applied to Below-Grade Walls / Vertical Surfaces (Enclosing Interior Spaces)

C836/C836M-18(2022) Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course

D3018/D3018M-22 Standard Specification for Class A Asphalt Shingles Surfaced with Mineral Granules

D8257/D8257M-22 Standard Specification for Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing

D3746/D3746M-85(2022) Standard Test Method for Impact Resistance of Bituminous Roofing Systems

D4074/D4074M-11(2022) Standard Test Method for Bitumen and Aggregate Content of Bitumen-Aggregate Mixtures From Roofing Samples

C1471/C1471M-22 Standard Guide for the Use of High Solids Content Cold Liquid-Applied Elastomeric Waterproofing Membrane on Vertical Surfaces

D7954/D7954M-22a Standard Practice for Moisture Surveying of Roofing and Waterproofing Systems Using Nondestructive Electrical Impedance Scanners

D6630/D6630M-16(2022) Standard Guide for Low-Slope Insulated Roof Membrane Assembly Performance

D8425-22 Standard Guide for the Use of Sodium Bentonite Needle-Punched Geotextile Waterproofing Systems with Cast-in-Place Concrete Below-Grade Foundation Construction

D8052/D8052M-22 Standard Test Method for Quantification of Air Leakage in Low-Sloped Membrane Roof Assemblies

D3909/D3909M-22 Standard Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules

D4637/D4637M-15(2021)e1 Standard Specification for EPDM Sheet Used in Single-Ply Roof Membrane

D5636/D5636M-94(2022) Standard Test Method for Low-Temperature Unrolling of Felt or Sheet Roofing and Waterproofing Materials

D3617/D3617M-17(2022) Standard Practice for Sampling and Analysis of Built-Up Roof Systems During Application

D451/D451M-17(2022) Standard Test Method for Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing Products

D452/D452M-19(2022) Standard Test Method for Sieve Analysis of Surfacing for Asphalt Roofing Products

D5602/D5602M-18(2022) Standard Test Method for Static Puncture Resistance of Roofing Membrane Specimens

D5635/D5635M-18(2022) Standard Test Method for Dynamic Puncture Resistance of Roofing Membrane Specimens

D6380/D6380M-03(2022) Standard Specification for Asphalt Roll Roofing (Organic Felt)

D6382/D6382M-99(2022) Standard Practice for Dynamic Mechanical Analysis and Thermogravimetry of Roofing and Waterproofing Membrane Material

D7120/D7120M-10(2022) Standard Guide for Evaluation and Preparation of Roof Membranes for Coating Application

D7655/D7655M-12(2022) Standard Classification for Size of Aggregate Used as Ballast for Membrane Roof Systems

D5683/D5683M-95(2022) Standard Test Method for Flexibility of Roofing and Waterproofing Materials and Membranes

D7052/D7052M-17(2022) Standard Test Method for Determining Impact Resistance of New Low Slope Roof Membranes Using Steel Balls (Z8295Z)

D4811/D4811M-16(2023) Standard Specification for Nonvulcanized (Uncured) Rubber Sheet Used as Roof Flashing

D4866/D4866M-88(2023) Standard Performance Specification for Coal-Tar Pitch Emulsion Pavement Sealer Mix Formulations Containing Mineral Aggregates and Optional Polymeric Admixtures

D6694/D6694M-15(2023) Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems

D6805-02(2023) Standard Practice for Infrared (IR) Procedure for Determination of Aromatic/ Aliphatic Ratio of Bituminous Emulsions

D6945/D6945M-03(2023) Standard Specification for Emulsified Refined Coal-Tar (Ready to Use, Commercial Grade)

D6947/D6947M-16(2023) Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System

D5727/D5727M-00(2023) Standard Specification for Emulsified Refined Coal Tar (Mineral Colloid Type)

D6948/D6948M-03(2023) Standard Practice for Application of Refined Coal Tar (Ready to Use, Commercial Grade)

D8099/D8099M-17(2023) Standard Specification for Asphalt Emulsion Pavement Sealer (Mineral Colloid or Chemically Stabilized Type)

D4402/D4402M-23 Standard Test Method for Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer

D226/D226M-17(2023) Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing

D4799/D4799M-17(2023) Standard Practice for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Fluorescent UV, Water Spray, and Condensation Method)

D4897/D4897M-16(2023) Standard Specification for Asphalt-Coated Glass-Fiber Venting Base Sheet Used in Roofing

D6222/D6222M-16(2023) Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements

D6298/D6298M-16(2023) Standard Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface

D6509/D6509M-16(2023) Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements

D312/D312M-16a(2023) Standard Specification for Asphalt Used in Roofing

D8464/D8464M-23 Standard Specification for Cold-Applied Coal Tar for Roofing, Waterproofing, and Dampproofing

D2746/D2746M-18(2023) Standard Test Method for Staining Tendency of Asphalt (Stain Index)

D5869/D5869M-07a(2023) Standard Practice for Dark Oven Heat Exposure of Roofing and Waterproofing Materials

D7505/D7505M-17(2023) Standard Specification for Self-Adhesive Polyester Fabric Reinforced Polymer-Modified Asphalt Steep Slope Roll Roofing Surfaced with Mineral Granules

D7530/D7530M-17(2023) Standard Specification for Self-Adhesive Glass Fiber Fabric Reinforced Polymer-Modified Asphalt Steep Slope Roll Roofing Surfaced with Mineral Granules

D3462/D3462M-23 Standard Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules

D3423/D3423M-15(2023) Standard Practice for Application of Emulsified Coal-Tar Pitch (Mineral Colloid Type)

D8051/D8051M-16(2023) Standard Specification for Wax-Modified Asphalt Used in Roofing

D1669/D1669M-07(2023) Standard Practice for Preparation of Test Panels for Accelerated and Outdoor Weathering of Bituminous Coatings

D41/D41M-11(2023) Standard Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing

D1670/D1670M-11(2023) Standard Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials

D1864/D1864M-89(2023) Standard Test Method for Moisture in Mineral Aggregate Used

on Built-Up Roofs

D1865/D1865M-09(2023) Standard Test Method for Hardness of Mineral Aggregate Used on Built-Up Roofs

D6753/D6753M-02(2023) Standard Specification for Coal Tar Adhesive

D6757/D6757M-18(2023) Standard Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing

D3409/D3409M-93(2023) Standard Test Method for Adhesion of Asphalt-Roof Cement to Damp, Wet, or Underwater Surfaces

C1305/C1305M-16(2023) Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane

D6754/D6754M-23 Standard Specification for Ketone Ethylene Ester Based Sheet Roofing

C1127/C1127M-15(2023) Standard Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with an Integral Wearing Surface

C1306/C1306M-08(2023) Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane

D2829/D2829M-07(2023) Standard Practice for Sampling and Analysis of Existing Built-Up Roof Systems

D3805/D3805M-16(2023) Standard Guide for Application of Aluminum-Pigmented Asphalt Roof Coatings

D7897-18(2023) Standard Practice for Laboratory Soiling and Weathering of Roofing Materials to Simulate Effects of Natural Exposure on Solar Reflectance and Thermal Emittance

D8530/D8530M-23 Standard Guide for the Selection and Use of Waterstops

D8463/D8463M-23 Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric, Silyl-Terminated Polymer Based Waterproofing Membrane for Use with Separate Wearing Course

D3105-17(2024) Standard Index of Methods for Testing Elastomeric and Plastomeric Roofing and Waterproofing Materials

D6381/D6381M-24 Standard Test Method for Measurement of Asphalt Shingle Mechanical Uplift Resistance

D7492/D7492M-16a(2024) Standard Guide for Use of Drainage System Media with Waterproofing Systems

D7693/D7693M-15(2024)e1 Standard Guide for Application of Heat Weldable Modified Bituminous Waterproofing Membranes Systems for New Concrete Decks

D8109-17(2024) Standard Guide for Waterproofing Repair of Concrete by Chemical Grout Crack Injection

D6083/D6083M-24 Standard Specification for Liquid-Applied Acrylic Coating Used in Roofing

E2788/E2788M-24 Standard Specification for Use of Expanded Shale, Clay, and Slate (ESCS) as a Mineral Component in the Growing Media and the Drainage Layer for Vegetative (Green) Roof Systems

D8154-24 Standard Test Methods for ¹H-NMR Determination of Ketone-Ethylene-Ester and Polyvinyl Chloride Contents in KEE-PVC Roofing Fabrics

D7877-24 Standard Guide for Electronic Methods for Detecting and Locating Leaks in Waterproof Membranes