

## *Building Constructions (I): E72-E2110*

### Table of Contents

- E72-10 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- E73-13 Standard Practice for Static Load Testing of Truss Assemblies
- E154/E154M-08a(2013)e1 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
- E196-06(2012) Standard Practice for Gravity Load Testing of Floors and Low Slope Roofs
- E241-09 Standard Guide for Limiting Water-Induced Damage to Buildings
- E283-04(2012) Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
- E330-02(2010) Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
- E331-00(2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
- E405-04(2012) Standard Test Methods for Wear Testing Rotary Operators for Windows
- E455-11 Standard Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings
- E488/E488M-10 Standard Test Methods for Strength of Anchor in Concrete Elements
- E529-04(2011) Standard Guide for Conducting Flexure Tests on Beams and Girders for Building Construction
- E546-08 Standard Test Method for Frost/Dew Point of Sealed Insulating Glass Units
- E547-00(2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference
- E564-06(2012) Standard Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings
- E575-05(2011) Standard Practice for Reporting Data from Structural Tests of Building Constructions, Elements, Connections, and Assemblies
- E576-08 Standard Test Method for Frost/Dew Point of Sealed Insulating Glass Units in the Vertical Position
- E605-93(2011) Standard Test Methods for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members
- E621-01 Standard Terminology of Building Constructions
- E665-03(2009) Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
- E695-03(2009) Standard Method for Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading
- E736-00(2011) Standard Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members

E741-11 Standard Test Method for Determining Air Change in a Single Zone by Means of a Tracer Gas Dilution

E754-80(2006) Standard Test Method for Pullout Resistance of Ties and Anchors Embedded in Masonry Mortar Joints

E759-92(2011) Standard Test Method for Effect of Deflection on Sprayed Fire-Resistive Material Applied to Structural Members

E760-92(2011) Standard Test Method for Effect of Impact on Bonding of Sprayed Fire-Resistive Material Applied to Structural Members

E761-92(2011) Standard Test Method for Compressive Strength of Sprayed Fire-Resistive Material Applied to Structural Members

E779-10 Standard Test Method for Determining Air Leakage Rate by Fan Pressurization

E783-02(2010) Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors

E833-12 Standard Terminology of Building Economics

E859-93(2011) Standard Test Method for Air Erosion of Sprayed Fire-Resistive Materials (SFRMs) Applied to Structural Members

E864-12 Standard Practice for Surface Preparation of Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels

E865-12 Standard Specification for Structural Film Adhesive for Honeycomb Sandwich Panels

E866-11 Standard Specification for Corrosion-Inhibiting Adhesive Primer for Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels

E874-11 Standard Practice for Adhesive Bonding of Aluminum Facings to Nonmetallic Honeycomb Core for Shelter Panels

E894-88(2010) Standard Test Method for Anchorage of Permanent Metal Railing Systems and Rails for Buildings

E917-13 Standard Practice for Measuring Life-Cycle Costs of Buildings and Building Systems

E935-13 Standard Test Method for Performance of Permanent Metal Railing Systems and Rails for Buildings

E937-93(2011) Standard Test Method for Corrosion of Steel by Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members

E964-06(2010) Standard Practice for Measuring Benefit-to-Cost and Savings-to-Investment Ratios for Buildings and Building Systems

E985-00(2009) Standard Specification for Permanent Metal Railing Systems and Rails for Buildings

E987-08(2009) Standard Test Methods for Deglazing Force of Fenestration Products

E990-09 Standard Specification for Core-Splice Adhesive for Honeycomb Sandwich Shelter Panels

E997-12 Standard Test Method for Structural Performance of Glass in Exterior Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads by Destructive Methods

E998-12 Standard Test Method for Structural Performance of Glass in Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads by Nondestructive Method

E1057-06(2010) Standard Practice for Measuring Internal Rate of Return and Adjusted Internal Rate of Return for Investments in Buildings and Building Systems

E1074-09 Standard Practice for Measuring Net Benefits and Net Savings for Investments in Buildings and Building Systems

E1091-08 Standard Specification for Nonmetallic Honeycomb Core for Use in Shelter Panels

E1105-00(2008) Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference

E1121-12 Standard Practice for Measuring Payback for Investments in Buildings and Building Systems

E1155-96(2008) Standard Test Method for Determining  $F_F$  Floor Flatness and  $F_L$  Floor Levelness Numbers

E1155M-96(2008) Standard Test Method for Determining  $F_F$  Floor Flatness and  $F_L$  Floor Levelness Numbers [Metric]

E1185-12 Standard Guide for Selecting Economic Methods for Evaluating Investments in Buildings and Building Systems

E1186-03(2009) Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Barrier Systems

E1190-11 Standard Test Methods for Strength of Power-Actuated Fasteners Installed in Structural Members

E1233-06 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential

E1258-88(2012) Standard Test Method for Airflow Calibration of Fan Pressurization Devices

E1300-12ae1 Standard Practice for Determining Load Resistance of Glass in Buildings

E1307-10 Standard Practice for Surface Preparation and Structural Adhesive Bonding of Precured, Nonmetallic Composite Facings to Structural Core for Flat Shelter Panels

E1334-95(2012) Standard Practice for Rating the Serviceability of a Building or Building-Related Facility

E1369-11 Standard Guide for Selecting Techniques for Treating Uncertainty and Risk in the Economic Evaluation of Buildings and Building Systems

E1399/E1399M-97(2003)e1 Standard Test Method for Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems

E1410-91(2005) Standard Practice for Specifying Data for Evaluation of Energy Used in Residential Buildings

E1425-05 Standard Practice for Determining Steady State Thermal Transmittance of Fenestration Systems

E1424-91(2008) Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure and Temperature Differences Across the Specimen

E1425-07 Standard Practice for Determining the Acoustical Performance of Windows, Doors, Skylight, and Glazed Wall Systems

E1464-92(2005) Standard Guide for Developing Energy Monitoring Protocols for Commercial and Institutional Buildings or Facilities

E1465-08a Standard Practice for Radon Control Options for the Design and Construction of New Low-Rise Residential Buildings

E1480-92(2013) Standard Terminology of Facility Management (Building-Related)

E1481-00a(2008) Standard Terminology of Railing Systems and Rails for Buildings

E1486-98(2010) Standard Test Method for Determining Floor Tolerances Using Waviness, Wheel Path and Levelness Criteria

E1486M-98(2010) Standard Test Method for Determining Floor Tolerances Using Waviness, Wheel Path and Levelness Criteria [Metric]

E1509-12 Standard Specification for Room Heaters, Pellet Fuel-Burning Type

E1512-01(2007) Standard Test Methods for Testing Bond Performance of Bonded Anchors

E1513-93(2011) Standard Practice for Application of Sprayed Fire-Resistive Materials (FRMs)

E1514-98(2011) Standard Specification for Structural Standing Seam Steel Roof Panel Systems

E1554/E1554M-13 Standard Test Methods for Determining Air Leakage of Air Distribution Systems by Fan Pressurization

E1555-12 Standard Specification for Structural Paste Adhesive for Sandwich Panel Repair

E1556-12 Standard Specification for Epoxy Resin System for Composite Skin, Honeycomb Sandwich Panel Repair

E1557-09 Standard Classification for Building Elements and Related Sitework-UNIFORMAT II

E1592-05(2012) Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference

E1602-03(2010)e1 Standard Guide for Construction of Solid Fuel Burning Masonry Heaters

E1605-04(2012) Standard Terminology Relating to Lead in Buildings

E1612/E1612M-94(2013)e1 Standard Specification for Preformed Architectural Compression Seals for Buildings and Parking Structures

E1613-12 Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques

E1637-98(2011) Standard Specification for Structural Standing Seam Aluminum Roof Panel Systems

E1643-11 Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

E1644-04(2012)e1 Standard Practice for Hot Plate Digestion of Dust Wipe Samples for the Determination of Lead

E1645-01(2007) Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis

E1646-95(2011) Standard Test Method for Water Penetration of Exterior Metal Roof Panel Systems by Uniform Static Air Pressure Difference

E1660-95a(2012) Standard Classification for Serviceability of an Office Facility for Support for Office Work

E1661-95a(2012) Standard Classification for Serviceability of an Office Facility for Meetings and Group Effectiveness

E1662-95a(2012) Standard Classification for Serviceability of an Office Facility for Sound and Visual Environment

E1663-03(2010) Standard Classification for Serviceability of an Office Facility for Typical Office Information Technology

E1664-95a(2012) Standard Classification for Serviceability of an Office Facility for Layout and Building Factors

E1665-95a(2012) Standard Classification for Serviceability of an Office Facility for Facility Protection

E1666-95a(2012) Standard Classification for Serviceability of an Office Facility for Work Outside Normal Hours or Conditions

E1667-95a(2012) Standard Classification for Serviceability of an Office Facility for Image to the Public and Occupants

E1668-95a(2012) Standard Classification for Serviceability of an Office Facility for Amenities to Attract and Retain Staff

E1669-95a(2012) Standard Classification for Serviceability of an Office Facility for Location, Access and Wayfinding

E1670-95a(2012) Standard Classification for Serviceability of an Office Facility for Management of Operations and Maintenance

E1671-95a(2012) Standard Classification for Serviceability of an Office Facility for Cleanliness

E1677-11 Standard Specification for Air Barrier (AB) Material or System for Low-Rise Framed Building Walls

E1679-95(2012) Standard Practice for Setting the Requirements for the Serviceability of a Building or Building-Related Facility

E1680-11 Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof Panel Systems

E1692-95a(2012) Standard Classification for Serviceability of an Office Facility for Change and Churn by Occupants

E1693-95(2012) Standard Classification for Serviceability of an Office Facility for Protection of Occupant Assets

E1694-95a(2012) Standard Classification for Serviceability of an Office Facility for Special Facilities and Technologies

E1699-10 Standard Practice for Performing Value Analysis (VA) of Buildings and Building Systems and Other Constructed Projects

E1700-13 Standard Classification for Serviceability of an Office Facility for Structure and Building Envelope

E1701-95(2012) Standard Classification for Serviceability of an Office Facility for Manageability

E1726-01(2009) Standard Practice for Preparation of Soil Samples by Hotplate Digestion for Subsequent Lead Analysis

E1727-05 Standard Practice for Field Collection of Soil Samples for Subsequent Lead Determination

E1728-10 Standard Practice for Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Lead Determination

E1729-05 Standard Practice for Field Collection of Dried Paint Samples for Subsequent Lead Determination

E1730-09 Standard Specification for Rigid Foam for Use in Structural Sandwich Panel Cores

E1745-11 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs

E1748-95(2009) Standard Test Method for Evaluating the Engagement Between Windows and Insect Screens as an Integral System

E1749-10 Standard Terminology Relating to Rigid Wall Relocatable Shelters

E1753-13 Standard Practice for Use of Qualitative Chemical Spot Test Kits for Detection of Lead in Dry Paint Films

E1765-11 Standard Practice for Applying Analytical Hierarchy Process (AHP) to Multiattribute Decision Analysis of Investments Related to Buildings and Building Systems

E1773-10 Standard Practice for Sealing Rigid Wall Tactical Shelters with Polysulfide Based Sealants

E1775-07 Standard Guide for Evaluating Performance of On-Site Extraction and Field-Portable Electrochemical or Spectrophotometric Analysis for Lead

E1783/E1783M-96(2013)e1 Standard Specification for Extruded Architectural Strip Seals for Buildings and Parking Structures

E1792-03(2011) Standard Specification for Wipe Sampling Materials for Lead in Surface Dust

E1793-11 Standard Practice for Preparation of Aluminum Alloy for Bonding in Foam and Beam Type Transportable Shelters

E1794-08 Standard Specification for Adhesive for Bonding Foam Cored Sandwich Panels (200°F Elevated Humidity Service), Type II Panels

E1795-12 Standard Specification for Non-Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings

E1796-03(2011)e1 Standard Guide for Selection and Use of Liquid Coating Encapsulation Products for Leaded Paint in Buildings

E1797-12 Standard Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings

E1800-08 Standard Specification for Adhesive for Bonding Foam Cored Sandwich Panels (160°F Elevated Humidity Service), Type I Panels

E1801-09 Standard Practice for Adhesive Bonding of Aluminum Facings in Foam and Beam Type Shelters

E1803-06 Standard Test Methods for Determining Structural Capacities of Insulated Panels

E1804-12 Standard Practice for Performing and Reporting Cost Analysis During the Design Phase of a Project

E1825-06(2012) Standard Guide for Evaluation of Exterior Building Wall Materials, Products, and Systems

E1826-12 Standard Specification for Low Volatile Organic Compound (VOC) Corrosion-Inhibiting Adhesive Primer for Aluminum Alloys to Be Adhesively Bonded

E1827-11 Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door

E1836/E1836M-09e1 Standard Practice for Building Floor Area Measurements for Facility Management

E1851-09 Standard Test Method for Electromagnetic Shielding Effectiveness of Durable Rigid Wall Relocatable Structures

E1857-97(2013)e1 Standard Guide for Selection of Cleaning Techniques for Masonry, Concrete, and Stucco Surfaces

E1886-13 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials

E1908-10 Standard Guide for Sample Selection of Debris Waste from a Building Renovation or Lead Abatement Project for Toxicity Characteristic Leaching Procedure (TCLP) Testing for Leachable Lead (Pb)

E1925-10 Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures

E1946-12 Standard Practice for Measuring Cost Risk of Buildings and Building Systems and Other Constructed Projects

E1974-11 Standard Specification for Shelter, Electrical, Equipment S-250/G

E1975-09 Standard Specification for Shelter, Electrical, Equipment S-280/G

E1976-11 Standard Specification for Shelter, Tactical, Nonexpandable

E1977-11 Standard Specification for Shelter, Tactical, Expandable, One-Side

E1978-11 Standard Specification for Shelter, Tactical, Expandable, Two-Side

E1979-12 Standard Practice for Ultrasonic Extraction of Paint, Dust, Soil, and Air Samples for Subsequent Determination of Lead

E1993/E1993M-98(2012)e1 Standard Specification for Bituminous Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs

E1996-12a Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes

E1998-11 Standard Guide for Assessing Depressurization-Induced Backdrafting and Spillage from Vented Combustion Appliances

E2004-10 Standard Test Method for Facing Cleavage of Sandwich Panels

E2013-12 Standard Practice for Constructing FAST Diagrams and Performing Function Analysis During Value Analysis Study

E2025-99(2006) Standard Test Method for Evaluating Fenestration Components and Assemblies for Resistance to Impact Energies

E2026-07 Standard Guide for Seismic Risk Assessment of Buildings

E2029-11 Standard Test Method for Volumetric and Mass Flow Rate Measurement in a Duct Using Tracer Gas Dilution

E2068-00(2008) Standard Test Method for Determination of Operating Force of Sliding Windows and Doors

E2083-05(2010) Standard Classification for Building Construction Field Requirements, and Office Overhead Profit

E2098/E2098M-13 Standard Test Method for Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for Use in Class PB Exterior Insulation and Finish Systems (EIFS), after Exposure to a Sodium Hydroxide Solution

E2099-00(2007) Standard Practice for the Specification and Evaluation of Pre-Construction Laboratory Mockups of Exterior Wall Systems

E2103/E2103M-13 Standard Classification for Bridge Elements—UNIFORMAT II

E2110-11 Standard Terminology for Exterior Insulation and Finish Systems (EIFS)