



Designation: E2568 – 17a

# Standard Specification for PB Exterior Insulation and Finish Systems<sup>1</sup>

This standard is issued under the fixed designation E2568; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reappraisal.

## 1. Scope

1.1 This specification covers PB Exterior Insulation and Finish Systems (EIFS) defined as an exterior, non-bearing wall covering providing a weather-resistant exterior wall envelope on walls required to be combustible or noncombustible, fire-resistance-rated or nonfire-resistance-rated. Further, PB EIFS is a system described as being applied over expanded polystyrene or polyisocyanurate insulation board, an adhesive or mechanical attachment of the insulation board to a substrate, or both, glass fiber reinforcing mesh, a base coat on the face of the insulation board, and a textured protective finish coat.

1.2 This specification does not cover Class PB EIFS with drainage.

1.3 This specification qualifies EIFS products for use in normal service conditions and is not for evaluating in service EIFS installations.

1.4 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.5 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

## 2. Referenced Documents

2.1 *ASTM Standards:*<sup>2</sup>

**B117** Practice for Operating Salt Spray (Fog) Apparatus

**C297/C297M** Test Method for Flatwise Tensile Strength of Sandwich Constructions

**C578** Specification for Rigid, Cellular Polystyrene Thermal Insulation

**C1289** Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board

**D2247** Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity

**E84** Test Method for Surface Burning Characteristics of Building Materials

**E119** Test Methods for Fire Tests of Building Construction and Materials

**E330/E330M** Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference

**E331** Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

**E2098/E2098M** 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

**E2110** Terminology for Exterior Insulation and Finish Systems (EIFS)

**E2134/E2134M** Test Method for Evaluating the Tensile-Adhesion Performance of an Exterior Insulation and Finish System (EIFS)

**E2485/E2485M** Test Method for Freeze/Thaw Resistance of Exterior Insulation and Finish Systems (EIFS) and Water Resistive Barrier Coatings

**E2486/E2486M** Test Method for Impact Resistance of Class PB and PI Exterior Insulation and Finish Systems (EIFS)

**G23** Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials (Withdrawn 2000)<sup>3</sup>

**G26** Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials (Discontinued 2001) (Withdrawn 2000)<sup>3</sup>

**G153** Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials

**G155** Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.58 on Exterior Insulation and Finish Systems (EIFS).

Current edition approved March 1, 2017. Published March 2017. Originally approved in 2007. Last previous edition approved in 2017 as E2568-17. DOI: 10.1520/E2568-17A.

<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

<sup>3</sup> The last approved version of this historical standard is referenced on [www.astm.org](http://www.astm.org).