



Designation: E2568 – 17

Standard Specification for PB Exterior Insulation and Finish Systems¹

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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:²

- 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

¹ 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).

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

- 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)³
- G26 Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials (Discontinued 2001) (Withdrawn 2000)³
- G153 Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials
- G155 Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials

³ The last approved version of this historical standard is referenced on www.astm.org.