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for Exterior Insulation and Finish Systems (EIFS)



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ANSI/EIMA 99-A-2001

American National Standard

for Exterior Insulation and Finish Systems (EIFS)

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Approved February 7, 2001

American National Standards Institute, Inc.

American National Standard

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Foreword (This foreword is not part of American National Standard ANSI/EIMA 99-A-2001.)

ANSI/EIMA 99-A embodies the minimum requirements for specifying and installing Exterior Insulation and Finish Systems (EIFS). The materials, details and design criteria that are contained in the project plans and specifications are described in this standard. In addition, care has been taken to incorporate the reference documents that contain descriptions of conditions that constitute provisions of this American National Standard. ANSI/EIMA 99-A also provides for design considerations and performance characteristics for the most recent development for EIFS, mainly EIFS with drainage.

This standard contains three annexes. Annexes A and B are normative and are considered as part of the standard. Annex C is informative and is not considered as part of the standard.

Suggestions for improvement of this standard are welcome. They should be sent to Michael O'Brien, Rohm and Haas Company, 727 Norristown Road, Spring House, PA 19477.

The following organizations recognized as having an interest in the specifications for Exterior Insulation and Finish Systems (EIFS) were contacted prior to the approval of this standard. Inclusion in this list does not necessarily imply that the organization concurred with the submittal of the proposed standard to ANSI.

AWCI Celotex City of Tampa Building Department Forensic Architects, Inc. Georgia-Pacific Corporation Gypsum Association International Institute for Lath and Plastering Koffel Associates, Inc. Minnesota Lathing and Plastering Bureau Parex, Inc. Radco Senergy Division of HSC TEC, Inc. United States Gypsum Company

AMERICAN NATIONAL STANDARD

ANSI/EIMA 99-A-2001

American National Standard

for Exterior Insulation and Finish Systems (EIFS)

1 Scope

1.1 This specification provides the minimum requirements for specifying and installing Exterior Insulation and Finish Systems (EIFS).

1.2 The requirements for materials, mixtures and details shall be contained in the project plans and specifications. The EIFS manufacturer's literature and application instructions shall be used to provide guidance.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All Standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

2.1 ASTM Standards

ASTM A653/A653A, Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process¹⁾

ASTM A924/A924M, Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process¹⁾

ANSI/ASTM B69-98, Specification for Rolled Zinc²⁾

ASTM B117, Test Method for Salt Spray (Fog) Testing¹⁾

ASTM C11, Terminology Relating to Gypsum and Related Building Materials and Systems¹⁾

ASTM C67, Method of Sampling and Testing Brick and Structural Clay Tile¹⁾

ASTM C79/C79M, Specification for Gypsum Sheathing Board¹⁾

ASTM C150, Specification for Portland Cement¹⁾

ASTM C237, Test Method for Shear Properties in Flatwise Plane of Flat Sandwich Construction or Sandwich Cores¹⁾

ASTM C297, Test Method for Tensile Strength of Flat Sandwich Constructions in Flatwise Plane¹⁾

ASTM C578, Specification for Preformed, Cellular Polystyrene Thermal Insulation¹¹

ASTM C717, Terminology of Building Seals and Sealants¹⁾

ASTM C897, Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters¹⁾

¹⁾ Available from ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428.

²⁾ These standards are approved as American National Standards. For electronic copies, visit ANSI's Electronic Standards Store (ESS) at www.ansi.org. For printed versions of all these standards, contact Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112-5704, (800) 854-7179.