



Standard Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings¹

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1. Scope

1.1 This specification covers minimum material performance requirements and laboratory test procedures for reinforced liquid coating encapsulation products (single- or multiple-coat systems) for leaded paint in buildings. Performance properties addressed in this specification are:

- 1.1.1 Impact Resistance,
- 1.1.2 Adhesion,
- 1.1.3 Dry Abrasion Resistance,
- 1.1.4 Water Vapor Transmission,
- 1.1.5 Water and Chemical Resistance,
- 1.1.6 Surface Burning Characteristics,
- 1.1.7 Volatile Organic Compound (VOC) Content,
- 1.1.8 Weathering,
- 1.1.9 Aging,
- 1.1.10 Scrub Resistance,
- 1.1.11 Mildew Resistance,
- 1.1.12 Paintability/Repairability,

1.2 This specification does not address the selection of an encapsulation product for specific use conditions. Specific use conditions may require performance values other than those stated in this specification. See Guide E 1796 for guidance.

1.3 This specification complements Specification E 1795 for non-reinforced liquid coating encapsulation products.

1.4 This specification does not cover the use of encapsulation products on industrial steel structures nor residential exterior coated metal surfaces because no corrosion control requirements are included.

1.5 This specification applies to any liquid-applied product incorporating reinforcement materials as part of the system. Reinforcement materials are continuous fabric or mesh and are applied in the field. These materials are typically applied between a base and top coat. These products are used to encapsulate a leaded paint surface with the intent of reducing human exposure to lead in paint.

1.6 The results of the test methods included in this specification will not necessarily predict field performance.

1.7 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.8 *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.*

¹ This specification is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.23 on Lead Hazards Associated With Buildings.

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