



Standard Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Separate Wearing Course¹

This standard is issued under the fixed designation C898/C898M; 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 reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This guide describes the use of a high solids content, cold liquid-applied elastomeric waterproofing membrane that meets the criteria in Specification C836, in a waterproofing system subject to hydrostatic pressure for building decks over occupied space where the membrane is covered with a separate protective wearing course.

1.2 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

1.3 *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

- C33 Specification for Concrete Aggregates
- C578 Specification for Rigid, Cellular Polystyrene Thermal Insulation
- C717 Terminology of Building Seals and Sealants
- C836 Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course
- C920 Specification for Elastomeric Joint Sealants
- C1193 Guide for Use of Joint Sealants

C1299 Guide for Use in Selection of Liquid-Applied Sealants (Withdrawn 2012)³

C1471 Guide for the Use of High Solids Content Cold Liquid-Applied Elastomeric Waterproofing Membrane on Vertical Surfaces

C1472 Guide for Calculating Movement and Other Effects When Establishing Sealant Joint Width

D1056 Specification for Flexible Cellular Materials—Sponge or Expanded Rubber

D1751 Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)

D1752 Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction

D5295 Guide for Preparation of Concrete Surfaces for Adhered (Bonded) Membrane Waterproofing Systems

D5957 Guide for Flood Testing Horizontal Waterproofing Installations

D6134 Specification for Vulcanized Rubber Sheets Used in Waterproofing Systems

D6451 Guide for Application of Asphalt Based Protection Board

D6506 Specification for Asphalt Based Protection Board for Below-Grade Waterproofing

E1907 Guide to Methods of Evaluating Moisture Conditions of Concrete Floors to Receive Resilient Floor Coverings (Withdrawn 2008)³

2.2 American Concrete Institute Standard:

ACI 301 Specifications for Structural Concrete for Buildings⁴

3. Terminology

3.1 For definitions of terms used in the guide, refer to Terminology C717.

3.2 Definitions of Terms Specific to This Standard:

¹ This guide is under the jurisdiction of ASTM Committee D08 on Roofing and Waterproofing and is the direct responsibility of Subcommittee D08.22 on Waterproofing and Dampproofing Systems.

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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.

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

⁴ Available from ACI International, P.O. Box 9094, Farmington Hills, MI 4833-9094.