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Standard Terminology of Building Seals and Sealants¹

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1. Scope

1.1 This standard covers terms, related standard definitions, and descriptions of terms used or likely to be used in standard test methods, specifications, guides, and practices (related to building seals and sealants) consistent with the scope and areas of interest of ASTM Committee C24.

1.2 Definitions and descriptions of terms are written to ensure that building seals and sealants standards are properly understood and interpreted.

2. Referenced Documents

2.1 ASTM Standards:

- C 509 Specification for Elastomeric Cellular Preformed Gasket and Sealing Material²
- C 542 Specification for Lock-Strip Gaskets²
- C 716 Specification for Installing Lock-Strip Gaskets and Infill Glazing Materials²
- C 790 Guide for Use of Latex Sealants²
- C 797 Practices and Terminology for Use of Oil- and Resin-Based Putty and Glazing Compounds²
- C 898 Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Separate Wearing Course²
- C 957 Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Integral Wearing Surface²
- C 961 Test Method for Lap Shear Strength for Hot-Applied Sealants²
- C 964 Guide for Lock-Strip Gasket Glazing²
- C 981 Guide for Design of Built-Up Bituminous Membrane Waterproofing Systems for Building Decks²
- C 1021 Practice for Laboratories Engaged in the Testing of Building Sealants²
- C 1127 Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with an Integral Wearing Surface²
- C 1193 Guide for Use of Joint Sealants²

- D 883 Terminology Relating to Plastics³
- D 1079 Terminology Relating to Roofing, Waterproofing, and Bituminous Material⁴
- D 1565 Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Open-Cell Foam)³
- D 1566 Terminology Relating to Rubber⁵
- D 2102 Test Method for Shrinkage of Textile Fibers (Bundle Test)⁶
- E 631 Terminology of Building Constructions⁷
- 2.2 ACI (*American Concrete Institute*) Standard: 301-72 (1975) Specifications to Structural Concrete for Buildings⁸

3. Significance and Use

3.1 Definitions:

3.1.1 Terms and their related standard definitions in Section 4 are intended for use uniformly and consistently in all building seals and sealants test methods, specifications, guides, and practices. The purpose of such use is to promote a clear understanding and interpretation of the standards in which they are used.

3.1.2 Definitions of terms are written in the broadest sense possible, consistent with the intended meaning. Definitions have not been limited to a specific technical field when they can have a multi-field application.

3.1.3 The definition of a term that can have different meanings in different technical fields is preceded by a phrase limiting it to the specific field intended, that is, “in building construction.”

3.2 Description of Terms:

3.2.1 Descriptions of Terms are special purpose definitions intended to provide a precise understanding and interpretation of the seals and sealants standards in which they are used.

3.2.2 A specific description of a term is applicable to the standard or standards in which the term is described and used.

3.2.3 Each standard in which a term is used, in a specially defined manner, should list the term and its description under the subheading, descriptions of terms.

¹ This terminology is under the jurisdiction of ASTM Committee C24 on Building Seals and Sealants and is the direct responsibility of Subcommittee C24.01 on Terminology of Building Seals and Sealants.

The boldface designations refer to the original source of the definition and the ASTM Technical Committee having jurisdiction.

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² *Annual Book of ASTM Standards*, Vol 04.07.

³ *Annual Book of ASTM Standards*, Vol 08.01.

⁴ *Annual Book of ASTM Standards*, Vol 04.04.

⁵ *Annual Book of ASTM Standards*, Vol 09.01.

⁶ *Annual Book of ASTM Standards*, Vol 07.01.

⁷ *Annual Book of ASTM Standards*, Vol 04.11.

⁸ Available from American Concrete Institute, P.O. Box 19150 Redford Station, Detroit, MI 48219.