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Standard Specification for Solvent Release Sealants¹

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1. Scope

1.1 This specification describes the properties of a one-component solvent release sealant for use in building construction. These sealants are generally formulated to withstand a maximum joint movement of 7.5 % in extension and 7.5 % in compression of the nominal joint width.

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

1.3 The committee with jurisdiction of this specification is not aware of any similar specification within ISO or any other organization.

2. Referenced Documents

2.1 *ASTM Standards:*²

[C661 Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer](#)

[C712 Test Method for Bubbling of One-Part, Elastomeric, Solvent-Release Type Sealants](#)

[C717 Terminology of Building Seals and Sealants](#)

[C1193 Guide for Use of Joint Sealants](#)

[C1216 Test Method for Adhesion and Cohesion of One-Part Elastomeric Solvent Release Sealants](#)

[C1257 Test Method for Accelerated Weathering of Solvent-Release-Type Sealants](#)

[C1442 Practice for Conducting Tests on Sealants Using Artificial Weathering Apparatus](#)

[D2202 Test Method for Slump of Sealants](#)

[D2203 Test Method for Staining from Sealants](#)

[D2377 Test Method for Tack-Free Time of Caulking Compounds and Sealants](#)

[D2452 Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds](#)

3. Terminology

3.1 *Definitions*—Definitions of the following terms used in this specification are found in Terminology [C717](#): adhesive failure (adhesion loss), caulk (v), compound, durometer, hardness, joint, primer, seal, sealant, sealing material, and solvent release sealant; sealant, and standard conditions.

4. Materials and Manufacture

4.1 The sealing compound shall be a solvent release material compounded to conform to the requirements prescribed in this specification.

4.2 All material and workmanship shall be in accordance with good commercial practice. The producer is permitted a wide latitude in choice of raw materials for making these products. Consequently, there is no implication that the compounds are equivalent in all physical properties.

4.3 The manufacturing process shall be such as will ensure a homogeneous mix, free of defects that would affect serviceability, and of a consistency suitable for immediate application.

¹ This specification is under the jurisdiction of ASTM Committee [C24](#) on Building Seals and Sealants and is the direct responsibility of Subcommittee [C24.10](#) on Specifications, Guides and Practices.

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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.