



Standard Terminology Relating to Rigid Wall Relocatable Shelters¹

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This standard has been approved for use by agencies of the U.S. Department of Defense.

1. Scope

1.1 This terminology covers terms and their definitions relevant to the materials and processes associated with the construction of rigid wall relocatable shelters.

2. Referenced Documents

2.1 ASTM Standards:²

- B547/B547M Specification for Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube
- C273 Test Method for Shear Properties of Sandwich Core Materials
- C274 Terminology of Structural Sandwich Constructions
- C364 Test Method for Edgewise Compressive Strength of Sandwich Constructions
- C393 Test Method for Flexural Properties of Sandwich Constructions
- C460 Terminology for Asbestos-Cement (Withdrawn 2001)³
- C582 Specification for Contact-Molded Reinforced Thermo-setting Plastic (RTP) Laminates for Corrosion-Resistant Equipment
- D123 Terminology Relating to Textiles
- D883 Terminology Relating to Plastics
- D907 Terminology of Adhesives
- D1079 Terminology Relating to Roofing and Waterproofing
- D1356 Terminology Relating to Sampling and Analysis of Atmospheres
- D1566 Terminology Relating to Rubber
- D1781 Test Method for Climbing Drum Peel for Adhesives
- D2240 Test Method for Rubber Property—Durometer Hardness
- D2730 Test Method for Sag Flow of Highly Viscous Mate-

rials (Withdrawn 1986)³

- D3167 Test Method for Floating Roller Peel Resistance of Adhesives
- E492 Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine
- E864 Practice for Surface Preparation of Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels
- E874 Practice for Adhesive Bonding of Aluminum Facings to Nonmetallic Honeycomb Core for Shelter Panels
- E1925 Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures
- F412 Terminology Relating to Plastic Piping Systems
- G15 Terminology Relating to Corrosion and Corrosion Testing (Withdrawn 2010)³

3. Terminology

absolute sealing—a level of sealing that requires all seams, slots, holes, and fasteners passing through the seal plane to be sealed.

accelerated test—See **test, accelerated**.

adhesive—a substance capable of holding materials together by means of surface attachment. **D907**

cold setting adhesive—an adhesive which sets at temperatures below 20°C (68°F). **D907**

contact pressure adhesive—a resinous adhesive which is aggressively and permanently tacky at room temperature and adheres to a variety of surfaces upon contact with a minimum of pressure required. (Syn. **pressure-sensitive adhesives**.)

core splice adhesive—a film adhesive, capable of expansion of at least 175 % of its original thickness, used primarily to join or splice together two or more separate sections of core material in sandwich constructions.

foamed adhesive—an adhesive, the apparent density of which has been decreased substantially by the presence of numerous gaseous cells dispersed throughout its mass. **D907**

supported film adhesive—an adhesive material incorporating a carrier that remains in the bond when the adhesive is employed; carrier support material is usually composed of organic/inorganic fibers which may be in woven (knit) or nonwoven (mat) form.

¹ This terminology is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.53 on Materials and Processes for Durable Rigidwall Relocatable Structures.

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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.