



Designation: D16 – 24

Standard Terminology for Paint, Related Coatings, Materials, and Applications¹

This standard is issued under the fixed designation D16; 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.

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

1. Scope

1.1 This standard consists of technical terms used in standards under the jurisdiction of ASTM Committee D01 (on Paint and Related Coatings, Materials, and Applications), and of definitions suitable for use in these standards.

NOTE 1—When any definition in this standards is quoted or published out of the context of this standard, editorially insert the following delimiting statement “for paints and related coatings, materials, and applications” after the dash following the term (in the absence of an existing delimiting statement). This will limit the field of application of the term and definition to that approved by this committee.

1.2 In this terminology standard, definitions used in other ASTM standards are indicated by following the definition with the designation of that standard. In some cases, a relevant D01 subcommittee is also listed. Definitions influenced by those used by other organizations are indicated by the acronym of the organization. Primary terms are given in bold, while narrower and unapproved terms are given in italics.

1.3 There are several specialized terminology standards under the jurisdiction of Committee D01, as follows: **D804**, **D1695**, **D6440**, **D6488**, and **D7188**. Few definitions from those standards are included in Terminology D16. Therefore, in searches for definitions of paints and coatings terms, these standards should be included where appropriate.

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:²

¹ This terminology is under the jurisdiction of ASTM Committee D01 on Paint and Related Coatings, Materials, and Applications and is the direct responsibility of Subcommittee D01.16 on Terminology.

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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.

- D804 Terminology Relating to Pine Chemicals, Including Tall Oil and Related Products**
- D968 Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive**
- D1475 Test Method for Density of Liquid Coatings, Inks, and Related Products**
- D1653 Test Methods for Water Vapor Transmission of Organic Coating Films**
- D1695 Terminology of Cellulose and Cellulose Derivatives**
- D1729 Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials**
- D1736 Test Method for Efflorescence of Interior Wall Paints (Withdrawn 1997)³**
- D1848 Classification for Reporting Paint Film Failures Characteristic of Exterior Latex Paints (Withdrawn 2003)³**
- D2794 Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)**
- D3363 Test Method for Film Hardness by Pencil Test**
- D3450 Test Method for Washability Properties of Interior Architectural Coatings**
- D4062 Test Method for Leveling of Paints by Draw-Down Method**
- D4209 Practice for Determining Volatile and Nonvolatile Content of Cellulosics, Emulsions, Resin Solutions, Shellac, and Varnishes**
- D4366 Test Methods for Hardness of Organic Coatings by Pendulum Damping Tests**
- D4958 Test Method for Comparison of the Brush Drag of Latex Paints**
- D5146 Guide to Testing Solvent-Borne Architectural Coatings**
- D5178 Test Method for Mar Resistance of Organic Coatings**
- D6440 Terminology Relating to Hydrocarbon Resins**
- D6488 Terminology Relating to Print Problems**
- D7188 Terminology for Printing Inks, Materials, and Processes**
- E284 Terminology of Appearance**

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