



ASTM International Technical Committee D01 on Paint and Related Coatings, Materials, and Applications

Visit the ASTM

Committee D01 Webpage:

<http://www.astm.org/COMMIT/D01.htm>

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Established: 1902

Number of Members: 600+

Number of Standards: 630+

Global Participation: 36 Countries represented

The standards are available in: Volumes 06.01, 06.02, 06.03 and 06.04 in the *Annual Book of ASTM Standards*

Meetings: D01 meets twice each year, in January and June

SCOPE: The scope of the Committee shall be the development of test methods, definitions, practices, specifications, classifications, guides, and related knowledge for:

- (1) paint, varnish, lacquer, printing ink and other related coatings and materials in liquid, liquefiable, powder, or mastic form,
- (2) components thereof,
- (3) preparation of surfaces to which such coatings are applied
- (4) coating-substrate systems, and
- (5) paint application tools.

ACTIVITIES, PRODUCTS, SERVICES AND REGULATION

The technical subcommittees of D01 encompass five primary areas:

- Testing and analysis,
- Paint and related coating materials (components),
- On-site applied paint and related coatings,
- Factory applied paint and related coatings, and
- Paint application.

The area of testing and analysis addresses standards for all aspects of evaluating materials, including physical testing, chemical analysis, accelerated testing and biodeterioration. The paint and related coating materials area (components) focuses on pigments, solvents, hydrocarbon resins, and ink vehicles. Standards in the on-site applied paint and related coatings area include: architectural, traffic, marine, and industrial coatings. The area of factory applied paint and related coatings comprises powder coatings, coil coated metal, printing inks, and artists paints. Standards for paint application include paintbrushes, rollers, and evaluation of their effectiveness.

In the United States, the U.S. Environmental Protection Agency regulates volatile organic compounds. Numerous D01 standards are referenced in regulations as acceptable test methods that may be required for regulatory compliance.

KEY DOCUMENTS

- D1654 Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
- D2369 Standard Test Method for Volatile Content of Coatings
- D3359 Standard Test Methods for Measuring Adhesion by Tape Test
- D3363 Standard Test Method for Film Hardness by Pencil Test
- D4060 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser



LIST OF D01 SUBCOMMITTEES

D01.06 International Coordination and US TAG to ISO/TC 35/SC9/SC10
D01.08 Environmental Concerns
D01.15 Lectures and Symposia
D01.16 Terminology
D01.20 Quality Assurance and Statistics
D01.21 Chemical Analysis of Paints and Paint Materials
D01.22 Flammability and Safety
D01.23 Physical Properties of Applied Paint Films
D01.24 Physical Properties of Liquid Paints & Paint Materials
D01.25 Evaluation of Weathering Effects
D01.26 Optical Properties
D01.27 Accelerated Testing
D01.28 Biodeterioration
D01.31 Pigment Specifications
D01.33 Polymers and Resins
D01.34 Naval Stores
D01.35 Solvents, Plasticizers, and Chemical Intermediates
D01.36 Cellulose and Cellulose Derivatives
D01.37 Ink Vehicles
D01.38 Hydrocarbon Resins
D01.42 Architectural Coatings
D01.44 Traffic Coatings
D01.45 Marine Coatings
D01.46 Industrial Protective Coatings
D01.47 Concrete, Stone and Masonry Treatments
D01.48 Durability of Pipeline Coating and Linings
D01.51 Powder Coatings
D01.52 Factory Coated Wood Products
D01.53 Coil Coated Metal
D01.55 Factory Applied Coatings on Preformed Products
D01.56 Printing Inks
D01.57 Artists' Materials
D01.61 Paint Application Tools
D01.90 Executive
D01.91 Bylaws and Scopes
D01.93 Meetings and Sites
D01.94 Awards and Memorials
D01.95 Promotion
D01.96 Research and Planning

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