



Designation: ~~D2064 – 91 (Reapproved 2016)~~ D2064 – 24

Standard Test Method for Print Resistance of Architectural Paints¹

This standard is issued under the fixed designation D2064; 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.

1. Scope

1.1 This test method covers an accelerated procedure for evaluating the print resistance of architectural paints. It differs from print resistance Test Method **D2091** in that the latter is concerned with lacquer finishes under packaging, shipping, and warehousing conditions, whereas this test method is concerned with decorative coatings undergoing random on-site pressure contact.

NOTE 1—Printing should not be confused with blocking, which is measured in Test Method **D4946**. The former relates to the indentation of a surface, and the latter, the sticking together of two surfaces.

1.2 The values stated in ~~inch-pound~~ SI units are to be regarded as the standard. The values given in parentheses ~~are for information only~~ after SI units are provided for information only and are not considered standard.

1.3 ~~This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health, safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.~~

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

D2091 Test Method for Print Resistance of Lacquers

D4946 Test Method for Blocking Resistance of Architectural Paints

3. Terminology

3.1 ~~Definitions:~~ Definitions of Terms Specific to This Standard:

3.1.1 *print resistance, n*—the ability of a paint film to resist forming a permanent impression in a semihardened film as a result of a pressure from an object placed on it.

3.2 ~~For additional definitions of terms, refer to *Paint/Coatings Dictionary*.~~³

¹ This test method is under the jurisdiction of ASTM Committee **D01** on Paint and Related Coatings, Materials, and Applications and is the direct responsibility of Subcommittee **D01.42** on Architectural Coatings.

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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.