



Designation: D 5895 – 01^{€1}3

Standard Test Methods for Measuring Times of Evaluating Drying or Curing During Film Formation of Organic Coatings Using Mechanical Recorders¹

This standard is issued under the fixed designation D 5895; 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 (€) indicates an editorial change since the last revision or reapproval.

^{€1} NOTE — Research Report was added editorially June 2001.

1. Scope

1.1 These test methods describe the determination of several stages and the rate of dry-film formation of organic coatings using straight line and circular mechanical drying-time recording devices. The use of mechanical recorders is valuable in comparing the drying behavior of coatings of the same generic type, allowing that one coating may form a gel or resist tearing at a faster rate than another.

1.2 Drying time measured using the mechanical recorders may differ from those found using conventional methods, such as Test Method D 1640 or ISO 1517.

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

1.34 *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 practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ These test methods are under the jurisdiction of ASTM Committee D01 on Paint and Related Coatings, Materials, and Applications, and are the direct responsibility of Subcommittee D01.23 on Physical Properties of Applied Paint Films.

Current edition approved Feb. May 10, 2004³. Published April 2001. ~~Originally published as D 5895-96; July 2003. Originally approved in 1996. Last previous edition approved in 2001 as D 5895-96 01^{€1}.~~