



Designation: ~~D3206~~—17 D3206 – 23

## Standard Test Method for Soil Resistance of Floor Polishes<sup>1</sup>

This standard is issued under the fixed designation D3206; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### 1. Scope

1.1 This test method covers the determination of soil resistance of floor polishes on test tile only. A carpet covered roller is used to simulate the action of foot traffic. A synthetic soil is employed in conjunction with the roller.

1.2 The values stated in SI units are to be regarded as standard. The values given in parentheses 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:<sup>2</sup>

~~D1436~~ D1436 Test Methods for Application of Emulsion Floor Polishes to Substrates for Testing Purposes

~~D3153~~ D3153 Test Method for Recoatability of Water-Emulsion Floor Polishes

~~E97E1347~~ E97E1347 ~~Method of Test for Directional Reflectance Factor, 45-Deg 0-Deg, of Opaque Specimens by Broad-Band Filter Reflectometry~~ Method for Color and Color-Difference Measurement by Tristimulus Colorimetry (Withdrawn 1991)

### 3. Significance and Use

3.1 This test method measures the ability of a floor polish to resist soiling by a standard soil that approximates dirt carried in from the outside.

### 4. Apparatus

4.1 *Official Vinyl Composition Tile (OVCT)*<sup>3</sup>—white, 304.8 by 304.8 mm (12 by 12 in.); 304.8 mm by 304.8 mm (12 in. by 12 in.).

<sup>1</sup> This test method is under the jurisdiction of ASTM Committee D21 on Polishes and is the direct responsibility of Subcommittee D21.04 on Performance Tests. Current edition approved March 1, 2017/Dec. 1, 2023. Published April 2017/January 2024. Originally approved in 1973. Last previous edition approved in 2015/2017 as ~~D3206—08 (2015):D3206 – 17~~. DOI: ~~10.1520/D3206-17~~.10.1520/D3206-23.

<sup>2</sup> 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.

<sup>3</sup> OVCT tile may be obtained through Armstrong Flooring from various home improvement stores. The following Armstrong tile substrates have been found to perform adequately for this test method: Armstrong Excelon Feature Tile: Chalk II (56830), [http://www.armstrong.com/commflooringna/product\\_details\\_toolbox\\_magnify.jsp?item\\_id=47408-\(56830\)](http://www.armstrong.com/commflooringna/product_details_toolbox_magnify.jsp?item_id=47408-(56830)).