Designation: D3440 – 13 (Reapproved 2019)

Standard Guide for Preparing Specifications for Water-Emulsion Floor Polishes[1]

This standard is issued under the fixed designation D3440; 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 guide covers preparing specifications for water-emulsion floor polishes on all nonwood floors and for sealed wood floors.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that 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, 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:*

D1288 Test Method for Test for Total Ash and Silica In Water-Emulsion Polishes (Withdrawn 1984)[2]

D1290 Test Method for Sediment in Water-Emulsion Polishes by Centrifuge

D1455 Test Method for 60° Specular Gloss of Emulsion Floor Polish

D1791 Test Method for Accelerated Aging of Liquid Water-Emulsion Floor Polishes

D1792 Test Method for Long-Term Removability Properties of Emulsion Floor Polishes

D1793 Test Method for Water Spotting of Emulsion Floor Polishes

D2047 Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine

D2048 Test Method for Powdering of Floor Polish Films

D2825 Terminology Relating to Polishes and Related Materials

D2834 Test Method for Nonvolatile Matter (Total Solids) in Water-Emulsion Floor Polishes, Solvent-Based Floor Polishes, and Polymer-Emulsion Floor Polishes

D3052 Practice for Rating Water-Emulsion Floor Polishes

D3153 Test Method for Recoatability of Water-Emulsion Floor Polishes

D3206 Test Method for Soil Resistance of Floor Polishes

D3207 Test Method for Detergent Resistance of Floor Polish Films

D3210 Test Method for Comparing Colors of Films from Water-Emulsion Floor Polishes

E70 Test Method for pH of Aqueous Solutions With the Glass Electrode

3. Terminology

3.1 *Definitions*—For definitions of other terms used in this guide refer to Terminology D2825.

3.1.1 *specification*—a precise statement of a set of requirements to be satisfied by a material, product, system, or service, indicating, whenever appropriate the procedure by means of which it may be determined whether the requirements given are satisfied. As far as practicable, it is desirable that the requirements be expressed numerically in terms of units together with their limits.

4. Classification

4.1 *Buffing-Type Floor Polish*—A floor polish that requires buffing to maintain or enhance appearance, or both.

4.2 *Self-Polishing-Type Floor Polish*—A self-polishing-type floor polish that dries to a shine.

5. Basis of Purchase

5.1 *Reference Material*—A floor polish which the purchaser has found to provide the desired characteristics in each of the tests described and which is mutually agreed upon between the purchaser and the seller, will be used as a reference material. Other polishes will be compared to this reference material for performance.

[1] This guide is under the jurisdiction of ASTM Committee D21 on Polishes and is the direct responsibility of Subcommittee D21.05 on Specifications.

Current edition approved July 1, 2019. Published July 2019. Originally approved in 1976. Last previous edition approved in 2013 as D3440 – 13. DOI: 10.1520/D3440-13R19.

[2] The last approved version of this historical standard is referenced on www.astm.org.