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Standard Index of Methods for Testing Architectural Paints and Coatings¹

This standard is issued under the fixed designation D 2833; 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 index is provided for reference in the selection of procedures, test methods, and specifications to be used in the evaluation of architectural paints and coatings designed for application in the field. Composition specifications and analytical methods in general, also tests on raw materials, are not included, the scope being limited to procedures required in the evaluation of finished coatings.

1.2 Methods suitable for both interior and exterior coatings of either the water-thinned or solvent-thinned type are listed by ASTM designation primarily. Where comparable (but not necessarily identical) methods exist in U.S. Federal Test Method Standard No. 141, the Federal Method numbers are also listed.

1.3 Where more than one test method is listed for the same characteristic in this index, no attempt is made to indicate superiority of one test method over another. Selection of the test methods to be followed must be governed by experience and the requirements in each individual case,

together with agreement between the purchaser and the seller.

2. Precision and Bias

2.1 If available, precision for any procedure or test method selected is given in the latest issue of the subject standard.

3. Test Categories

3.1 For convenience in selection, the procedures, methods, and specifications listed in this index are classified into three groups and three classes. The category of each listing is indicated in a column preceding the reference. The classifications are as follows:

3.1.1 *Group I—Applicable to Either Water- or Solvent-Reducible Coatings:*

Class A—For both interior and exterior products.

Class B—For interior products only.

Class C—For exterior products only.

3.1.2 *Group II—Water-Thinned Coatings:*

Class A—For both interior and exterior products.

Class B—For interior products only.

Class C—For exterior products only.

3.1.3 *Group III—Solvent-Thinned Coatings:*

Class A—For both interior and exterior products.

Class B—For interior products only.

Class C—For exterior products only.

¹ This index is under the jurisdiction of ASTM Committee D-1 on Paint and Related Coatings and Materials and is the direct responsibility of Subcommittee D01.42 on Architectural Finishes.

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