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textiles

Wet & Dry Crocking
ACT Voluntary Performance Guidelines
Test Method Descriptions

ACT Voluntary Performance Guidelines make fabric specification easier. The Guidelines address Flammability and four aspects of fabric durability—Wet & Dry Crocking, Colorfastness to Light, Physical Properties, and Abrasion. This document focuses on Wet & Dry Crocking.

To give architects, designers, and end-users a vast amount of performance information in a succinct visual way, ACT developed icons to indicate that a fabric meets or exceeds guideline requirements. Look for these Registered Certification Marks on ACT Member Company sampling to assure that the fabrics you specify perform up to contract standards and pass all applicable testing.

All ACT Voluntary Performance Guidelines cover woven and coated fabrics for indoor use. “Woven Fabrics” consist of two sets of yarns, warp and filling, formed by weaving, which is the process of interlacing these sets of yarns. “Coated Fabrics” typically include a fabric or similar substrate with one or more layers of a film-forming polymer such as vinyl or polyurethane on the wear surface of the fabric.

Test methods used in the Guidelines measure fabric performance under standard laboratory conditions. All Wet & Dry Crocking test methods presented here are intended to represent the most current version. Note: Individual ACT Member product information may represent a different version of a test method depending on the date the product was introduced to market.

Important: These tests represent minimum requirements, which are subject to change without notice and may not reflect requirements or laws in all locations. See information and disclaimer on page 3.

Wet & Dry Crocking



Transfer of dye from the surface of a dyed or printed fabric onto another surface by rubbing.

ACT GUIDELINES

Upholstery – Woven Fabrics

| | |
|---------|-------------------------------|
| AATCC 8 | Dry Crocking, Grade 4 minimum |
| | Wet Crocking, Grade 3 minimum |

Upholstery – Coated Fabrics

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|---------|-------------------------------|
| AATCC 8 | Dry Crocking, Grade 4 minimum |
| | Wet Crocking, Grade 4 minimum |

Direct Glue Wallcoverings

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|---------|-------------------------------|
| AATCC 8 | Dry Crocking, Grade 3 minimum |
| | Wet Crocking, Grade 3 minimum |

Wrapped Panels and Upholstered Walls

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|---------|-------------------------------|
| AATCC 8 | Dry Crocking, Grade 3 minimum |
| | Wet Crocking, Grade 3 minimum |

Drapery

| | |
|--------------------|-------------------------------|
| AATCC 8 (Solids) | Dry Crocking, Grade 3 minimum |
| | Wet Crocking, Grade 3 minimum |
| AATCC 116 (Prints) | Dry Crocking, Grade 3 minimum |
| | Wet Crocking, Grade 3 minimum |



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TEST METHODS

AATCC 8*

The AATCC 8 is a test method of the American Association of Textile Chemists and Colorists (AATCC). This method uses a standard white cotton fabric that is rubbed against the surface of the test fabric. To test for wet crocking, the standard fabric is wet before rubbing against the test fabric. After rubbing under controlled pressure for a specific number of times, the amount of color transferred to the white test squares is compared to an AATCC color chart and a rating is established.

Grade 5 = no color transfer

Grade 1 = high degree of color transfer

* For complete technical details about AATCC 8: <http://www.aatcc.org>

AATCC 116*

The AATCC 116 is a test method of the American Association of Textile Chemists and Colorists (AATCC). This test is specifically used for printed fabrics that do not lend themselves to the AATCC 8 method. The test fabric is held at the base of a Rotary Vertical Crockmeter and rubbed with a standard cotton white fabric either dry or wet. After rubbing under controlled pressure for a specific number of times, the amount of color transferred to the white test squares is compared to an AATCC color chart and a rating is established.

* For complete technical details about AATCC 116: <http://www.aatcc.org>



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Whenever appropriate, specifiers and end users should seek the advice of professionals or other knowledgeable persons to ascertain whether a product will in fact comply with applicable Laws.

Understand that the testing and standards ("Standards") referenced in the Guidelines are developed and promulgated by third parties not associated with ACT, and that these Standards often change or are supplemented by such third parties. Accordingly, the fact that a particular Standard is referenced in the Guidelines (and/or associated with any Mark) does not mean, nor is it intended to be a representation that Standard is the most current one.

It is the responsibility of the contract textile vendor and/or the manufacturer (not ACT) to determine in all instances whether or not a textile meets each of the Standards to which a particular Mark is referenced.

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