

ACT has developed the following voluntary Performance Guidelines to make fabric specification easier. The 5 symbols give architects, designers, and end-users a vast amount of performance information in a succinct visual way. Look for these symbols on ACT member company sampling to assure that the fabrics you specify perform up to contract standards and pass all applicable testing.

These categories describe a material's performance features as measured by specified methods under standard laboratory conditions.

## Flammability



The measurement of a fabric's performance when it is exposed to specific sources of ignition.

### Upholstery

California Technical Bulletin #117 Section E – Class 1 (Pass)

### Direct Glue Wallcoverings

ASTM E 84-03 (Adhered Mounting Method) – Class A or Class 1

### Wrapped Panels and Upholstered Walls

ASTM E 84-03 (Unadhered Mounting Method) – Class A or Class 1

### Drapery

NFPA 701-89 (Small Scale)\* – Pass

\* NFPA 701-99 Test #1 is being phased in at the time of this publication, but is not yet cited in all relevant codes. Therefore, the small-scale test remains the ACT standard until further notice.

## Wet & Dry Crocking



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

### Upholstery

AATCC 8-2001	Dry Crocking, Grade 4 minimum
	Wet Crocking, Grade 3 minimum

### Direct Glue Wallcoverings

AATCC 8-2001	Dry Crocking, Grade 3 minimum
	Wet Crocking, Grade 3 minimum

### Wrapped Panels and Upholstered Walls

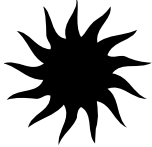
AATCC 8-2001	Dry Crocking, Grade 3 minimum
	Wet Crocking, Grade 3 minimum

### Drapery

AATCC 8-2001 (Solids)	Dry Crocking, Grade 3 minimum
	Wet Crocking, Grade 3 minimum
AATCC 116-2001 (Prints)	Dry Crocking, Grade 3 minimum
	Wet Crocking, Grade 3 minimum

## Colorfastness to Light

A material's degree of resistance to the fading effect of light.



### Upholstery

AATCC 16 Option 1 or 3-2003                      Grade 4 minimum at 40 hours

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### Direct Glue Wallcoverings

AATCC 16 Option 1 or 3-2003                      Grade 4 minimum at 40 hours

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### Wrapped Panels and Upholstered Walls

AATCC 16 Option 1 or 3-2003                      Grade 4 minimum at 40 hours

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### Drapery

AATCC 16 Option 1 or 3-2003                      Grade 4 minimum at 60 hours

## Physical Properties



*Pilling* is the formation of fuzzy balls of fiber on the surface of a fabric that remain attached to the fabric. *Breaking strength* is the measurement of stress exerted to pull a fabric apart under tension. *Seam Slippage* is the movement of yarns in a fabric that occurs when it is pulled apart at a seam.

### Upholstery

Brush pill ASTM D3511-02, Class 3 minimum

Breaking strength ASTM D5034-95 (2001) (Grab Test)  
 50 lbs. minimum in warp and weft

Seam slippage ASTM D4034  
 25 lbs. minimum in warp and weft

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### Wrapped Panels and Upholstered Walls

Breaking strength ASTM D5034-95 (2001) (Grab Test)  
 35 lbs. minimum in warp and weft

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### Drapery

Seam slippage ASTM D3597-02-D434-95 for fabrics over 6 oz./sq. yard  
 25 lbs. minimum in warp and weft

## Abrasion

The surface wear of a fabric caused by rubbing and contact with another fabric.



*General Contract  
Upholstery*

### **General Contract Upholstery**

ASTM D4157-02 (ACT approved #10 Cotton Duck)  
15,000 double rubs Wyzenbeek method

ASTM D4966-98 (12 KPa pressure)  
20,000 cycles Martindale method

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*Heavy Duty Upholstery*

### **Heavy Duty Upholstery**

ASTM D4157-02 (ACT approved #10 Cotton Duck)  
30,000 double rubs Wyzenbeek method

ASTM D4966-98 (12 KPa pressure)  
40,000 cycles Martindale method