

certificate of testing

client Architex International  
3333 Commercial Ave  
Northbrook, IL 60062

product identification Ultrablackout

test method performed **dimensional changes in commercial laundering of woven and knitted fabrics except wool aatcc 96-2012e3**

date of test 2/9/26

test results

laundering cycle	specimen	dimensional change warp (%)	dimensional change fill (%)	color change <sup>1</sup>	pilling <sup>2</sup>	snagging <sup>3</sup>
1	1	-0.5	-0.5	5	5	5
	2	-0.5	-0.5	5	5	5
	3	-0.5	-0.5	5	5	5
3	1	-0.5	-0.5	5	5	5
	2	-0.5	-0.5	5	5	5
	3	-0.5	-0.5	5	5	5
5	1	-0.5	-0.5	5	5	5
	2	-0.5	-0.5	5	5	5
	3	-0.5	-0.5	5	5	5

rating scale

aatcc gray scale for color change 5 - no fading or color change 4 - slight fading or color change 3 - noticeable fading or color change 2 - considerable fading or color change 1 - excessive fading or color change	astm adjd3512 pilling resistance 5 - no pilling 4 - slight pilling 3 - moderate pilling 2 - severe pilling 1 - very severe pilling	ici snagging standard 5 - no snagging 4 - slight snagging 3 - moderate snagging 2 - severe snagging 1 - very severe snagging	aatcc smoothness appearance 5 - very smooth, pressed finished appearance 4 - smooth, finished appearance 3.5 - fairly smooth, nonpressed appearance 3 - mused, nonpressed appearance 2 - rumpled, obviously wrinkled appearance 1 - crumpled, creased and severely wrinkled
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notes

wash temperature  test Ic 105°F (40°C)  test IIc 125°F (51°C)  test IIIc 140°F (63°C)  test IVc 160°F (74°C)

drying method  A. dryer – low temp cycle  A. dryer – normal temp cycle  A. dryer – high temp cycle  
 B. line dry  C. drip dry  D. screen dry

restoration procedure  0. None  1. hand iron  2. flatbed press

test conditions 70 ± 4°F, 65 ± 5% relative humidity

conditioning time 4 hours, minimum

specimen size  40 x 40cm  60 x 60cm  other:

detergent used aatcc reference detergent wob

load size 1.8kg

sampling method as received

abbreviations used '-' denotes shrinkage, '+' denotes growth, '\*\*' denotes evaluation not requested

evaluations 1. aatcc gray scale for color change 2. astm adjd3512 pilling photographic standards  
3. ici snagging photographic standards 4. aatcc 3d smoothness appearance replicas

deviations wascator fom71 washer

## certificate of testing

**certification statement** by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above. Statement of compliance made without factoring in effect of uncertainty unless otherwise specified.

approved by: *Greg Hadfield*