

Received:02/20/2008	Completed:02/27/2008	Letter: Z	rb	P.O.#:	Test Report #:	2-72117-0-
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**Client's Identification** Chicago 235128

**Tested For: Bregje Baak** **Key Test: ASTM D 4157-02/ACT 80K** 340  
 Leo Schellens b.v.  
 St. Jozefstraat 20  
 5753 AV Deurne, Netherlands  
**Tel: 011 31 493 327 632** **Ext:**  
**Fax: 011 31 493 321 262**

Test: Wyz Abrasion      Specifier: ACT      PC: 8H      CODE: 80,000 RQ      /jd

TEST PERFORMED: As cited and modified by the ACT Voluntary Performance Guidelines (January 2005) --  
 ASTM D 4157-02 - Standard Test Method for Abrasion Resistance of Textile Fabrics  
 (Oscillatory Cylinder Method - Wyzenbeek)

TEST PARTICULARS (check one from each of items 1 - 3, as applicable):

1. Abradant:                     #10 cotton duck  
    Specified for all materials except 100% olefin;  
    not recommended for coated fabric.  
     Wire (steel) screen  
    Specified for 100% olefin; recommended for coated fabric
2. Material with  
    elasticity:                     Backed with tape to prevent elongation
3. Surface Category:         Regular surface  
     Special surface effect  
    (napped, chenille, embossed, textured, etc.)

TEST CONDITIONS:            Specimen Tension: 4 lbs.  
    Head Pressure (Compression Force): 3 lbs.

RATING SYSTEM FOR REGULAR SURFACE:

- 5 - None or negligible wear
- 4 - Slight wear
- 3 - Moderate wear
- 2 - Noticeable wear (broken yarns, floating yarns, etc.)
- 1 - Severe wear (complete fabric break)

RATING SYSTEM FOR SPECIAL SURFACE EFFECT:

- 5 - None or negligible wear/change of special surface effect
- 4 - Slight wear/change of special surface effect
- 3 - Moderate wear/change of special surface effect
- 2 - Noticeable wear/change of special surface effect (base yarns exposed)
- 1 - Severe wear/change of special surface effect (base yarns exposed and broken)

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RESULTS: Visual Observations (see page 1 for Rating System)

# of Double Rubs	Arm #1	Arm #3	Arm #2	Arm #4
8,000	5.0	5.0	5.0	5.0
9,000	5.0	5.0	5.0	5.0
15,000	5.0	5.0	5.0	5.0
22,500	5.0	5.0	5.0	5.0
30,000	4.5	4.5	4.5	4.5
40,000	4.5	4.5	4.5	4.5
50,000	4.0	4.0	4.0	4.0
60,000	4.0	4.0	4.0	4.0
70,000	3.5	3.5	4.0	4.0
80,000	3.5	3.0	3.5	3.5
	Slight shedding moderate crushing of pile; slight speckling.	Slight shedding crushing of pile. Color change in reflection of light.	Visible surface change & moderate crushing of pile. Slight speckling surface.	Visible surface change. Moderate crushing of pile slight speckling of surface.

REMARKS: None.

ACCEPTANCE CRITERIA: As cited by the ACT Voluntary Performance Guidelines (January 2005) for Upholstery Fabrics --

General Contract: No yarn breaks or noticeable wear after 15,000 double rubs  
 Heavy Duty: No yarn breaks or noticeable wear after 30,000 double rubs

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested is rated for:

General Contract Upholstery;  Heavy Duty Upholstery;  Unrated

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by ASTM D 4157-02.



AUTHORIZED SIGNATURE  
 THE GOVMARK ORGANIZATION, INC. MA-5 / jb

MS. HEATHER ROBERTSON

(Page 2 of 2)