

**CERTIFICATE OF TESTING**

For the Account Of: **Camira Fabrics LTD**  
**Meltham Mills, West Yorkshire, HD9 4AY**  
**United Kingdom**

Contact: **Julia Lawson / Sarah Jackson**

Client's Identification: Cedar

**TEST PERFORMED** Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder Method) ASTM D4157-13

**TEST RESULTS**

| Number of Double Rubs | Warp (Length) Specimens              | Fill (Width) Specimens |
|-----------------------|--------------------------------------|------------------------|
| 70,000                | Breakage in 1 <sup>st</sup> Specimen | No Breakage/Wear       |
| 80,000                | Breakage in 2 <sup>nd</sup> Specimen | No Breakage/Wear       |

**INTERPRETATION USED**

- Option 1 The end point is reached on a woven fabric when two or more yarns have broken or on a knitted fabric, when a hole appears.
- Option 2 The end point is reached when there is a change in shade or appearance that is sufficient to cause a customer to complain.

**NOTES**

**Abradant Used:**  ACT Standard #10 Cotton Duck  Wire Screen

**Samples Backed with Masking Tape:**  Yes  No

**Tension:** 4 pounds

**Compression:** 3 pounds

**ACCEPTANCE CRITERIA**

| A.C.T. Standard             | Acceptance Criteria                                      |
|-----------------------------|--|
| General Contract Upholstery | No appreciable breakage or wear after 15,000 double rubs |
| Heavy Duty Upholstery       | No appreciable breakage or wear after 30,000 double rubs |

**CONCLUSION** Based on the above Results and the A.C.T. Standard, the item tested:

- Unrated  
 General Contract Upholstery  
 Heavy Duty Upholstery

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.



Authorized Signature-MB