

## CERTIFICATE OF TESTING

For the Account Of: Camira Fabrics  
Meltham Mills, Meltham  
Huddersfield, West Yorkshire HD9 4AY  
United Kingdom  
Contact: Rebecca Grimes

Client's Identification: Hemp 288800 0107

**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
110,000	No breakage/wear	Breakage occurred

### 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 CR