



Date of Issue: 8/22/2023  
 Report Number: 23-002443  
 Revision Number:1  
 Date Order Received: 08/07/2023

For the Account of: Camira Fabrics Ltd.  
 Meltham Mills  
 Meltham  
 Holmfirth, West Yorkshire HD9 4AY  
 United Kingdom

Client's Identification: PENTA

### CERTIFICATE OF TESTING

TEST PERFORMED: Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method) ASTM D4966-12E1

#### TEST RESULTS

Specimen	Number of Cycles	Rating
1	80,000	Breakage occurred
2	70,000	Breakage occurred
3	100,000	Moderate 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

**Test Conditions:** 70 ±4°F, 65 ±5% Relative Humidity  
**Sampling Method:** As Received  
**Abradant Used:** Worsted Wool Standard Abradant Fabric  
**Weight:** 12 ± 0.3 kPa  
**Foam Backing Used:**  No  Yes  
**Approximate Weight Of Fabric:** 9.7 ounces / square yard

#### ACCEPTANCE CRITERIA

<b>A.C.T. Standard</b>	<b>Acceptance Criteria</b>
General Contract Upholstery	No appreciable breakage or wear after 20,000 cycles
Heavy Duty Upholstery	No appreciable breakage or wear after 40,000 cycles

**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.

*Berta Stiver*

Authorized Signature

Date Order Completed: 08/17/2023