



**West Yorkshire  
Materials Testing  
Service**

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**Head of Laboratory G. Briggs C. Text ATI**

**Client:** Camira Fabrics Limited  
Meltham Mills  
Meltham  
West Yorkshire  
HD9 4AY

**Entry No:** 49052-01

**Date Received:** 15<sup>th</sup> December 2011

**Client's Description:** Sample of Fabric Xtreme (Havana)

**TEST REPORT**

**Tests Required:** Abrasion in accordance with BS EN 14465

**Conditioning:** In accordance with BS EN ISO 139 : 2005 for a minimum of 24 hours at 65 +/- 4% Relative Humidity, 20 +/- 2°C

**Method of Test:** BS EN ISO 12947-2 : 1999

**Date of Test:** 10.1.12 to 16.1.12

The tests were carried out using a pressure of 12 +/- 0.3 kPa  
The criterion for judging end point was three threads broken.

Specimen 1	100,000 rubs
Specimen 2	100,000 rubs
Specimen 3	100,000 rubs
Specimen 4	100,000 rubs
Overall Result	100,000 rubs

Change in colour after 3,000 rubs:- 5

Observation Technique:- 10 fold magnification

Type of Fabric:- Flat Woven

**Comments**

When compared with BS 2543 : 2004 this sample of fabric satisfies the requirements of fabrics for severe contract use.

----- End of Document-----

*This is hereby certified to be a correct return of the tests made of the items referred to herein.*



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G Briggs,  
Head of Laboratory  
16<sup>th</sup> January 2012

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- ❖ Test marked (\*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- ❖ This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

