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Chieftain Fabrics

Trim
Co.Meath
Ireland

Our Ref: **TFTXF84115**
Date: 31 January 2019
Delivery Date: 10 December 2018
Test Dates: 11 – 13 December 2018

For the attention of Sinead Doyle

SAMPLE(S) FOR TEST:

One, Fabric – Ref: PVC Fabric Upholstery Pusha

Note: The above descriptions are as supplied by the client and have not been verified by FIRA International who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

Determination of abrasion – BS EN ISO 5470-2: 2003, Method 1

*Testing continued to 500,000 cycles upon customer's request

RESULT:

Performance Level A

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FIRA International
Registered office: 10 Lower Grosvenor Place,
London, UK, SW1W 0EN
Registered in England No: 3181481

TECHNICAL REPORT

DESCRIPTION

Item: One, Coated fabric – Ref: PVC Fabric Upholstery Pusha

Initial Inspection: Condition as new

Conditioning: In accordance with BS 3424: Part 2: 1992 ISO 2231: 1989; >16 hours at 20±2°C & 65±5% relative humidity.

Testing: In accordance with BS EN ISO 139: 2005+ A1:2011 20±2°C & 65±4% relative humidity.

TEST RESULTS

RUBBER- OR PLASTICS-COATED FABRICS – DETERMINATION OF ABRASION RESISTANCE – PART 2: MARTINDALE ABRADER BS EN ISO 5470-2: 2003, Method 1.

Specimen failure, defined in BS EN 15618: 2009 as a damage rating greater than 2 did not occur, therefore the test was stopped as the required number of cycles was completed:

Specimen A 400,000 cycles
Specimen B 400,000 cycles
Specimen C 500,000 cycles
Specimen D 400,000 cycles

Overall result 400,000 cycles

At 400,000 cycles the damage rating assessed as in BS EN ISO 5470-2: 2003 was grade 2.

The abrasion resistance is evaluated by the end point method without magnification. The specimens were mounted in specimen holders without foam backing and the specimen pressure used for upholstery use applications is 12kPa.

CONCLUSION

The material properties for BS EN 15618: 2009 indicates that this fabric reaches a performance level of:

Test performed	Performance level
BS EN ISO 5470-2: 2003	A

A Grading Assessment Tolerance of +/-0.5 of grade is applicable for all damage rating assessments due to their subjective nature. This uncertainty was not applied to the reported results and therefore it needs to be considered when determining compliance with a specification.

Tested by: Stephen Cotton

Reported by: Luis Mitchell

Approved by: Stephen Cotton
Technical Specialist

***** End of Report *****

