

## TEST CERTIFICATE

No. G18267/4

### SAMPLE INFORMATION

Client

Fabric Reference

Dimensions **100cm by 100cm**  
Date Received **26 October 2018**  
Date Tested **29 October 2018 to 01 November 2018**

### CONDITIONING

Unless otherwise stated, where it is required conditioning has been carried out at the standard atmosphere defined in BS EN ISO 139:2005+A1:2011, Textiles – standard atmospheres for conditioning and testing.

The samples have been conditioned for the time specified in each test standard at a temperature of  $20 \pm 2$  C and a relative humidity of  $65 \pm 4$  %. These specified ranges are reduced by the uncertainty of measurement of the data loggers. The conditions are maintained within these reduced ranges.



Note – the above test results relate to the sample received and do not in any way confer approval of the quality of manufacture of the material. It is the responsibility of the client to ensure the sample is representative of the bulk production. Tests marked with an \* are not UKAS Accredited, tests marked with an # are sub-contracted, results marked with an ~ are within the limits of uncertainty of measurement in relation to any specification being considered.

## TESTING

### Abrasion - Fabric Weight \*

The fabric weight was determined to be 442 g/m<sup>2</sup>. This weight has been used to determine criteria required for the following test.

### Martindale Abrasion as modified by BS EN ISO 14465

The material was conditioned and tested according to ISO 12947-2 : 1998 Determination of the abrasion resistance of fabrics Part 2, as modified by BS EN ISO 14465 : 2003+A1: 2006 Textiles – Upholstery fabrics - Specification and methods of test.

Testing was carried out with foam using a pressure of 12kPa.

The felt pads used were of a woven felt type.

Pills were not removed during the test.

The test was continued to the agreed number of rubs unless one or more specimens break down before that point. The break down for each fabric type is defined in BS EN ISO 14465 : 2003: A1:2006. For example, for a Flat Woven fabric break down is when three threads are broken on a specimen.

The fabric type for this test was Cut Pile.

The specimens were inspected using a 10-fold magnification aid.

The results are summarised in the following table:

	Result
<b>Specimen 1</b>	Removed prior to breakdown at 50,000 rubs
<b>Specimen 2</b>	Removed prior to breakdown at 50,000 rubs
<b>Specimen 3</b>	Removed prior to breakdown at 50,000 rubs
<b>Specimen 4</b>	Removed prior to breakdown at 50,000 rubs

The overall result is **50,000** rubs.

### Abrasion – Assessment of Colour Change

An assessment of the colour change was made using greyscales specified in BS 20105 : A02 at 3,000 rubs and the results are indicated in the table below:

	Grade
<b>Assessment of colour change</b>	5

# TFT

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## CONCLUSION\*

The results for the test shown above, (excluding estimates of uncertainty) meet or exceed the requirements of BS 2543:2004 Upholstery fabrics for end use applications - Classification for Cut Pile fabric as Severe Contract - **SC**.

## AUTHORISATION

S Tyszyk  
Laboratory Manager

END OF REPORT

Mr J Firth  
Technical Manager



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