

## TEST REPORT

<b>Report Ref.:</b>	LEI17110657A Original		
<b>Date Received:</b>	03/11/2017	<b>Date Issued:</b>	08/11/2017

<b>Company Name &amp; Address:</b>	Bute Fabrics Ltd 4 Barone Road Isle of Bute, PA20 0DP GBR
<b>Contact Name:</b>	Margaret Anne Speirs

<b>Order Number:</b>	135969/3144
<b>Sample Description:</b>	Woven Upholstery Fabric
<b>Ref / Style Number:</b>	CF1053
<b>Colour:</b>	Turquoise
<b>Supplier:</b>	Bute
<b>End Use:</b>	Upholstery
<b>Quoted Fibre Composition:</b>	87% Pure New Wool 13% Nylon
<b>Retailer:</b>	EN 14465

Test	Method	Sample	Result
Pilling Resistance - Pilling Box Method	BS EN ISO 12945-1: 2001		No Requirement
Martindale Abrasion Resistance - 12 kPa	BS EN 14465: 2003 Annex A/BS EN ISO 12947-2: 1999		See Results

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.  
Tests marked (\*) in this report are not included in our UKAS scope of accreditation.

Please Note: There are no requirements for the test carried out at the customer's request. This is due to the test requested deviating from the retailers performance standards.

Please Note: The Colour Fastness to Light will follow on report number LEI17110832A once completed.

Please Note: The Flammability will follow on report number LEI17110659A once completed



Jess Lucas  
(Jobsheet Technician)

**Pilling Resistance - Pilling Box Method BS EN ISO 12945-1: 2001**  
**Conditioning Parameters: 20°C±2°C & 65% rH±4% rH**

	Result	Attribute	Requirement
Grade @ 36,000 Revs	4	Fuzzing	
Cleansing procedure			
Drying procedure			

Overall Test Result: No Requirement  
Uncertainty: 1/2 grade

**Martindale Abrasion Resistance - 12 kPa BS EN 14465: 2003 Annex A/BS EN ISO 12947-2: 1999**  
**Conditioning Parameters: 20°C±2°C & 65% rH±4% rH**

	Results	Requirements		
Shade Change @ 3000 revs	4 - 5			
	Abrasion resistance*	Performance level		
Specimen 1	70,000 Revs	A = 35,000		
Specimen 2	70,000 Revs	B = 12,000 - 30,000		
Specimen 3	70,000 Revs	C = 4,000 - 10,000		
Overall result**	70,000 Revs			
Overall performance level	A			
Test information				
Test load: 12 kPa				
Fabric Type	Flat woven			
Breakdown criteria	Three thread breakdown			
Inspection interval	Every 10,000			
Foam used	Yes			
*The abrasion resistance result is the last inspection point at which no breakdown was observed,				
**The overall result is the lowest individual test result of all the test specimens tested.				
BS 2543: 2004 Classification (Minimum levels for customer reference)				
	Flat woven	Figured weave	Woven/Flocked/Non-Woven Pile Fabrics	Knitted
Light Domestic	15,000	12,000	15,000	15,000
General Domestic	20,000	15,000	20,000	20,000
Heavy Domestic	25,000	20,000	25,000	25,000
General Contract	30,000	30,000	25,000	25,000
Severe Contract	40,000	40,000	30,000	30,000

Overall Test Result: See Results  
Uncertainty: ±17%

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*The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Any Pass/Fail statements do not take into account the Measurement of Uncertainty. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are close to Specification Limits / Requirements.*