

## TEST REPORT

|                      |                       |                    |            |
|----------------------|-----------------------|--------------------|------------|
| <b>Report Ref.</b>   | LEI19050085A Original |                    |            |
| <b>Date Received</b> | 01/05/2019            | <b>Date Issued</b> | 10/05/2019 |

|                                   |                                                                  |
|-----------------------------------|------------------------------------------------------------------|
| <b>Company Name &amp; Address</b> | Bute Fabrics Ltd<br>Barone Road<br>Isle of Bute, PA20 0DP<br>GBR |
| <b>Contact Name</b>               | M A Speirs                                                       |

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Order Number</b>             | 3218                        |
| <b>Sample Description</b>       | Woven Fabric                |
| <b>Ref / Style Number</b>       | CF1118                      |
| <b>Colour</b>                   | Red                         |
| <b>Quality</b>                  | Mineral                     |
| <b>Supplier</b>                 | Bute Fabrics                |
| <b>End Use</b>                  | Upholstery                  |
| <b>Quoted Fibre Composition</b> | 76% Wool 21% Nylon 3% Other |
| <b>Retailer</b>                 | General                     |

| Test                                    | Method                    | Sample | Result      |
|-----------------------------------------|---------------------------|--------|-------------|
| Martindale Abrasion Resistance - 12 kPa | BS EN 14465: 2003 Annex A |        | 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.



Jessica Richardson  
(Jobsheet Technician)

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

|                                                                                                  | Results              | Requirements        |                                      |         |
|--------------------------------------------------------------------------------------------------|----------------------|---------------------|--------------------------------------|---------|
| Shade Change @ 3000 revs                                                                         | 4 - 5                |                     |                                      |         |
|                                                                                                  | Abrasion resistance* | Performance level   |                                      |         |
| Specimen 1                                                                                       | >100,000 Revs        | A = 35,000          |                                      |         |
| Specimen 2                                                                                       | >100,000 Revs        | B = 12,000 - 30,000 |                                      |         |
| Specimen 3                                                                                       | >100,000 Revs        | C = 4,000 - 10,000  |                                      |         |
|                                                                                                  |                      |                     |                                      |         |
|                                                                                                  |                      |                     |                                      |         |
| Overall result**                                                                                 | >100,000 Revs        |                     |                                      |         |
| Overall performance level                                                                        | A                    |                     |                                      |         |
|                                                                                                  |                      |                     |                                      |         |
| Test information                                                                                 |                      |                     |                                      |         |
| Test load: 12 kPa                                                                                |                      |                     |                                      |         |
| Fabric Type                                                                                      | Flat woven           |                     |                                      |         |
| Breakdown criteria                                                                               | None found           |                     |                                      |         |
| 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.*