## (PO 56361) Castillo, Redoubt - BS 7176: 2007+A1 2011 (Low Hazard) - 13/05/2016

**BV Report Ref:** TR4094/173944

**Submitted By:** CAMIRA FABRICS LTD

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**Bureau Veritas** 

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**Contact Name:** REBECCA GRIMES

**Order Date:** 6<sup>th</sup> May 2016

**Date of Receipt:** 9<sup>th</sup> May 2016

**Item Description:** Castillo

Colour: Redoubth10832

Run No: 299758
End Use: None Stated
Claimed: None claimed

**Test Specification:** BS 7176: 2007 +A1 2011 – Specification for the resistance to ignition of

upholstered furniture for non-domestic seating.

| Test Details                        |  |  |  |
|-------------------------------------|--|--|--|
| Test method(s)                      | BS EN 1021-1/2: 2014   |  |  |
| Water soak Procedure                | BS EN 1021-1: 2014 Annex D (Line Dried)  |  |  |
| Conditioning:                       | 72hrs Ambient / Specified $23 \pm 2^{\circ}$ C & $50 \pm 5\%$ rh $\geq 24$ hrs |  |  |
| Filling used: (CM 24 Modified foam) | BS EN 1021-1/2: 2014   |  |  |

**Conclusion(s):** The sample supplied complies with the test requirements of BS 7176:2007+A1 2011

(Low Hazard)

**Note:** The following test results relate only to the ignitability of the combination of

Of materials under the particular conditions of test; they are not intended as a means of

assessing the full potential fire hazard of the materials in use.

**Authorized By:** Mark Jones **Issue date:** 13<sup>th</sup> May 2016

Head of Flammability





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## **Specimen Results:**

| BS EN 1021-1: Smoldering Ignition   | 1 <sup>st</sup> Test | 2 <sup>nd</sup> Test | 3 <sup>rd</sup> Test |
|---|----------------------|----------------------|----------------------|
| Smoke ceased within   | 21 Min(s)            | 22 Min(s)            | NA                   |
| Glowing ceased at:  | -                    | -                    | -                    |
| a) Unsafe escalating smoldering combustion?   | NO                   | NO                   | -                    |
| e) Any detectable amounts of smoke, Heat or glowing 60 Minutes after extinction of the source:                  | NO                   | NO                   | -                    |
| c) Specimen essentially consumed or smolders to extremities including thickness within the duration of the test | NO                   | NO                   | -                    |
| a) Unsafe escalating smoldering combustion?   | NO                   | NO                   | -                    |
| Flaming Criteria  |                      |                      |                      |
| Occurrence of flames?   | NO                   | NO                   | -                    |
| Result  | PASS                 | PASS                 | _                    |

| BS EN 1021-2: Match Ignition  | 1 <sup>st</sup> Test | 2 <sup>nd</sup> Test | 3 <sup>rd</sup> Test |
|---|----------------------|----------------------|----------------------|
| Flaming Duration:   | 4 Sec(s)             | NO<br>IGNITION       | NA                   |
| Smoldering Criteria   |                      |                      |                      |
| a) Unsafe escalating smoldering combustion?   | NO                   | NO                   | -                    |
| e) Any detectable amounts of smoke, Heat or glowing 60 Minutes after extinction of the source:                  | NO                   | NO                   | -                    |
| c) Specimen essentially consumed or smolders to extremities including thickness within the duration of the test | NO                   | NO                   | -                    |
| a) Unsafe escalating smoldering combustion?   | NO                   | NO                   |                      |
| Flaming Criteria  | 110                  | 110                  |                      |
| a) Unsafe escalating flaming combustion.  | NO                   | NO                   | -                    |
| b) Essentially consumed within the duration of the test   | NO                   | NO                   | -                    |
| c) Flame front reached extremities and/or full thickness with the duration of the test                          | NO                   | NO                   | -                    |
| e) Flaming continued to burn for more than 120s after removal of the flaming source.                            | NO                   | NO                   | -                    |
| Result  | PASS                 | PASS                 | -                    |