TECHNICAL REPORT

Vescom B.V
Sint Jozefstraat 20
5753 AV Deurne
Nederlands

Our Ref: TFFLF74531
Date: 21 July 2017
Delivery Date: 12 July 2017
Test Dates: 13 - 20 June 2017

For the attention of Vescom B.V

SAMPLE(S) FOR TEST:

One, Composite sample Ref: Lamu 7051 FR (Impregnated)

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

TEST REQUIREMENTS:

BS 5852: 2006, Clause 11 Ignition Source 5

RESULT:

Pass - P 5

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DESCRIPTION
Enquiry No.: TFFLF74531
Item: One, Composite sample Ref: Lamu 7051 FR (Impregnated)
Supplied By: Vescom B.V

The following test results relate only to the ignitability of the complete item (BS 5852: 2006 Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

IGNITABILITY TEST ACCORDING TO BS 5852: 2006-CLAUSE 11- IGNITION SOURCE 5
METHODS OF TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES.

Initial Inspection: Condition as new
Conditioning: ≥3 days at indoor ambient conditions and ≥24 hours at 20±5°C & 50±20% rh
Test conditions: The test was conducted within the required conditions of 10-30°C & 15-80%rh as specified in section 7.4 of BS 5852: Part 2:2006
Filling material: A combustion modified high resilience foam 35kg/m³ Ref: CMHR35

RESULTS

<table>
<thead>
<tr>
<th>SOURCE NO.</th>
<th>AP.</th>
<th>FLAMES</th>
<th>SMOKE/ SMOULDER</th>
<th>IGNITION/NON-IGNITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1</td>
<td>3min 47sec</td>
<td>9min 35sec</td>
<td>PASS N/I</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>3min 54sec</td>
<td>10min 49sec</td>
<td>PASS N/I</td>
</tr>
</tbody>
</table>

OBSERVATIONS

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>SMOULDER FAIL CRITERIA</th>
<th>RESULT Ignition/ Non Ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1.1a</td>
<td>Unsafe escalating smouldering combustion</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1b</td>
<td>Smoke/ Smoulder &gt;60min after placement of cigarette</td>
<td>N/A</td>
</tr>
<tr>
<td>4.1.1c</td>
<td>Smoulders to extremities i.e. reaches earthier side or by way if either fully consuming/ the test specimen</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1e</td>
<td>Source 1, 5 &amp; 7 Smoulder &gt;60min after placement of ignition source</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1f</td>
<td>Smoulder damage &gt;100mm in any direction (other than upward) from original position of source</td>
<td>PASS (N/I)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>FLAMING FAIL CRITERIA</th>
<th>RESULT Ignition/ Non Ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2.1a</td>
<td>Unsafe escalating combustion- forcible extinction was required</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1b</td>
<td>Test assembly burnt until it was essentially consumed</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1c</td>
<td>Flames reached the extremities- earthier side or by way if either fully consuming/ the test specimen</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1e</td>
<td>For Source 5 Flames continued for &gt;10min</td>
<td>PASS (N/I)</td>
</tr>
</tbody>
</table>

CONCLUSION
This sample passes the requirements of BS 5852: 2006 Clause 11, Ignition source 5.

Tested by: Barry Worrell
Reported by: Nathaly Da Silva
Approved by: Laura Gallop
Senior Technician - Flammability

FIRA
Part of the Exova Group

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