TECHNICAL REPORT

Vescom B.V.
Sint Jozefstraat 20
5753 AV Deurne
Nederland

Our Ref: TFFLF74006
Date: 03 July 2017
Delivery Date: 20 June 2017
Test Dates: 21 – 29 June 2017

SAMPLE(S) FOR TEST:

One, Composite sample Ref: Wolin 7050 FR (Impregnated), 75% wool, 20% polyester, 5% polyamide

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

The material was subjected to the watersoak procedure as detailed in Annex E of BS 5852: 2006 and allowed to dry at indoor ambient room temperature for a minimum of 48 hours.
TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF74006

Item: One, Composite sample Ref: Wolin 7050 FR (Impregnated), 75% wool, 20% polyester, 5%

polyamide

Supplied By: Banelli S.R.L

Initial Inspection: Condition as new

Conditioning: ≥3 days at indoor ambient conditions and ≥24 hours at 20±5°C & 50±20% rh

The following test results relate only to the ignitability of the combination 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.

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

Filling material: A combustion modified high resilience foam 35kg/m³ Ref: CMHR35

CLAUSE 11 IGNITION SOURCE 5

<table>
<thead>
<tr>
<th>Source No.</th>
<th>App.</th>
<th>Flames</th>
<th>Smoke/Smoulder</th>
<th>Ignition/Non-ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1</td>
<td>4min 15sec</td>
<td>12min 04sec</td>
<td>PASS N/I</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>4min 08sec</td>
<td>12min 00sec</td>
<td>PASS N/I</td>
</tr>
</tbody>
</table>

Test conditions: 20.0°C & 58.4% rh

OBSERVATIONS

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>SMOULDERING FAIL CRITERIA</th>
<th>Y/N</th>
<th>RESULT IGNITION/ NON IGNITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Unsafe escalating smouldering</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1a</td>
<td>Smoulders to extremities i.e. reaches earthier side or by way if either fully consuming the test specimen or smouldering though the full thickness</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1c</td>
<td>Smouldering continued for &gt;60mins from application of ignition source</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.1.1e</td>
<td>Final examination showed evidence of charring within the filling &gt;100mm in a horizontal direction from original position of ignition source</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>FLAMING FAIL CRITERIA</th>
<th>Y/N</th>
<th>RESULT IGNITION/ NON IGNITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2</td>
<td>Unsafe escalating combustion</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1a</td>
<td>Test specimen consumed during duration of the test</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1b</td>
<td>Flames reach the extremities by way of penetrating the full thickness of the sample</td>
<td>NO</td>
<td>PASS (N/I)</td>
</tr>
<tr>
<td>4.2.1c</td>
<td>Flames &gt;10min from application of ignition source</td>
<td>NO</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: Stephen Cotton
Technical Specialist - Flammability

************** End of Report **************