

TECHNICAL REPORT

CRIB 5



A - Ziya Gökalp mah.
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34490 Basakşehir / İstanbul / Türkiye

Customer information: HOEPKE

Höpke Möbelstoff-Handels GmbH •
Simonsgasse 19 - 21 • 96489
Niederfüllbach

Our Ref: CR114123-3

Date: 11/10/2022

Delivery Date: 03/10/2022

Test Dates: 06/10/2022

For the attention of :Hilmar Carl

SAMPLE(S) FOR TEST:



One, Composite - Ref: Plaza FR

Note: The above descriptions are as supplied by the client and have not been verified by K-TEX LAB International 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 cover material was subjected to the water soak procedure and line dried in accordance with Annex E of the above regulations.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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DESCRIPTION

Enquiry No. CR114123-3
Item: One, Composite Ref: Plaza FR
Supplied by: HOEPKE

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

Initial Inspection: Condition as new.

Conditioning: ≥3 days at indoor ambient conditions and ≥24 hours at 23±2°C & 50±5%rh.

Test Method: The test was performed using the specified rig (section 7.2 of the above standard). Using supplied cover and filling components to form a composite that is intended to be representative to the upper 75mm of the upholstered furniture when in final use. The test was conducted using Ignition Source 5.

Filling Material: A combustion modified high resilience foam 50kg/m3 Ref: CMHR50.

Test Conditions: The test was performed with the stipulated conditions 10°-30°c and 15%-80% relative humidity.

RESULTS

| Source No. | Application No. | Flaming of Assembly | Smoke/ Smoulder | Ignition/ Non-Ignition |
|------------|-----------------|---------------------|-----------------|------------------------|
| 5 | 1 | 04min 06sec | 10min 00sec | PASS (N/I) |
| | 2 | 04min 33sec | 10min 00sec | PASS (N/I) |

COMMENTS

| CLAUSE | SMOULDERING FAIL CRITERIA | APP. 1 | APP. 2 |
|--------|---|------------|------------|
| 4.1.1a | Unsafe escalating smouldering | PASS (N/I) | PASS (N/I) |
| 4.1.1c | Smoulders to extremities/ Reaches side of rig/ though full thickness | PASS (N/I) | PASS (N/I) |
| 4.1.1e | Smouldering continued for >60mins from application of ignition source | PASS (N/I) | PASS (N/I) |
| 4.1.1f | Evidence of charring within the filling >100mm horizontally from position of source | PASS (N/I) | PASS (N/I) |
| CLAUSE | FLAMING FAIL CRITERIA | APP. 1 | APP. 2 |
| 4.2.1a | Unsafe escalating combustion | PASS (N/I) | PASS (N/I) |
| 4.2.1b | Test specimen consumed during duration of the test | PASS (N/I) | PASS (N/I) |
| 4.2.1c | Flames reach the extremities or penetrate the full thickness of the sample | PASS (N/I) | PASS (N/I) |
| 4.2.1e | Flames >10min from application of ignition source | PASS (N/I) | PASS (N/I) |

CONCLUSION

This sample Ref. Plaza FR passes the requirements of BS 5852: 2006 Clause 11, Ignition Source 5.

Tested by: Kadir ÇELEBI

Reported by: Şakir KARATAŞ

Approved by: Aydın KAZAN

