

## FLAMMABILITY TEST REPORT

**Report No.:** LEI26022340B    **Date Received:** 26/02/26    **Date Tested:** 04/03/26    **Date Issued:** 04/03/26  
Original

**Company Name & Address:** ENGLISCH DEKOR HANDELSGMBH & CO KG  
SCHEYDGASSE 29  
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AUSTRIA

**Contact Name:** CHRISTINE JOST

### Sample Details

Order No.: Not stated  
Sample Description: "smarTex"  
Ref/Style No.: Not stated  
Colour.: Valid for all colours  
Quality: "smarTex"  
Supplier: Not stated  
Batch No.: Not stated  
End Use: Not stated  
No. Of Samples: Not stated  
Quoted Fibre Composition: 3% PU, 76% PVC, 10% CV, 11% PES FR  
Weight/Width: Not stated  
Retailer: General  
Buying Division: Not stated  
Sample Description: Cream and brown coloured woven fabric

| Test Method                                                           | Pre Treatment                               | Requirement                                                              | Result      |
|-----------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|-------------|
| BS 5852:2006<br>Clause 11 (upholstery composite)<br>Ignition source 5 | Watersoak as<br>Annex E of BS<br>5852: 2006 | As BS 5852:2006<br>Clause 11 (upholstery composite)<br>Ignition source 5 | NI/5 (PASS) |

.....  
**STEVEN OWEN**  
(Technical & Operational  
Excellence Manager)

  
.....  
**ANDREW HALLETT**  
(Flammability Team Leader)

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**CAROLE SPOWART**  
(Flammability  
Administrator)

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**TREFOR LEE**  
(Senior Flammability  
Technician)

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### Test Specification

Test Method: BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5

### Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 5.99%

### Foam specification

Supplier / Grade: Carpenter / RX36110  
Size: 450 x 450 x 75mm (back) & 450 x 300 x 75mm (seat)  
Density / Hardness: 36kg/m<sup>3</sup> ± 5% / 105N ± 15%

### Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 24 hours in an atmosphere having a temperature of 23 ± 2°C and a relative humidity of 50 ± 5%

At Time of Testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

### Test Results

*"The following test results relate only to the ignitability of the combination of upholstery composites (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";*

| Test number / position                                                                                                                                                                                                                       | 1                                                                                               | 2                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Criterion of Ignition</b>                                                                                                                                                                                                                 |                                                                                                 |                                                                                                 |
| <b>Smouldering Criteria</b>                                                                                                                                                                                                                  |                                                                                                 |                                                                                                 |
| Externally detectable amounts of smoke, heat or glowing 60 minutes after crib ignition                                                                                                                                                       | No                                                                                              | No                                                                                              |
| Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction                                                                                                                                       | No                                                                                              | No                                                                                              |
| Smouldering essentially consumed the test specimen within the duration of the test / Smouldering reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test | No                                                                                              | No                                                                                              |
| <b>Flaming Failure</b>                                                                                                                                                                                                                       |                                                                                                 |                                                                                                 |
| The test specimen continued to flame for more than 10 minutes after the ignition of the crib                                                                                                                                                 | No                                                                                              | No                                                                                              |
| Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction                                                                                                                                        | No                                                                                              | No                                                                                              |
| Flaming essentially consumed the test specimen within the duration of the test                                                                                                                                                               | No                                                                                              | No                                                                                              |
| Flaming reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test                                                                                          | No                                                                                              | No                                                                                              |
| Debris from the test specimen caused an isolated floor fire that continued to flame for more than 10 minutes after the ignition of the crib                                                                                                  | No                                                                                              | No                                                                                              |
| <b>Final Examination</b>                                                                                                                                                                                                                     |                                                                                                 |                                                                                                 |
| Progressive smouldering was observed when the sample was dismantled                                                                                                                                                                          | No                                                                                              | No                                                                                              |
| Evidence of charring within the filling (other than discolouration) more than 100mm in any direction, apart from upwards, from the nearest part of the original position of the ignition source                                              | No                                                                                              | No                                                                                              |
| Time to extinction of flames after crib ignition                                                                                                                                                                                             | 3 Minutes 27 Seconds                                                                            | 3 Minute 19 Seconds                                                                             |
| Time to extinction of glowing after crib ignition                                                                                                                                                                                            | 6 Minutes 19 Seconds                                                                            | 16 Minute 46 Seconds                                                                            |
| Time to extinction of smoke after crib ignition                                                                                                                                                                                              | Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased | Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased |
| Maximum extent of damage to back (mm) Length / Width                                                                                                                                                                                         | 400 110                                                                                         | 400 104                                                                                         |
| Maximum extent of damage to base (mm) Length / Width                                                                                                                                                                                         | 75 115                                                                                          | 75 116                                                                                          |
| <b>Test Result</b>                                                                                                                                                                                                                           | <b>NI/5 (PASS)</b>                                                                              | <b>NI/5 (PASS)</b>                                                                              |
| <b>Ignitability performance index: "Clause 11 - NI/5"</b>                                                                                                                                                                                    |                                                                                                 |                                                                                                 |

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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 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.