

## FLAMMABILITY TEST REPORT

**Report No.:** LEI22052167A      **Date Received:** 20/05/22      **Date Tested:** 26/05/22      **Date Issued:** 26/05/22

**Company Name & Address:** ENGLISCH DEKOR  
SCHEYDGASSE 29  
AT-1210 WIEN

**Contact Name:** CHRISTINE JOST

### Sample Details

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Order No.:                | Not stated                                                                |
| Description:              | Not stated                                                                |
| Ref/Style No.:            | Not stated                                                                |
| Quality:                  | Cordula                                                                   |
| Colour:                   | Not stated                                                                |
| Supplier:                 | Not stated                                                                |
| End Use:                  | Upholstery                                                                |
| Quoted Fibre Composition: | Not stated                                                                |
| Retailer:                 | Not stated                                                                |
| Buying Division:          | Not stated                                                                |
| Sample Description:       | Green coloured knitted fabric with pile and grey coloured knitted backing |

| Test Method                                                           | Pre Treatment | Flammability Performance Requirements | Result |
|-----------------------------------------------------------------------|---------------|---------------------------------------|--------|
| IMO FTP Code (2010) – Annex 1, Part 8<br>(Smouldering cigarette test) | None          | IMO FTP Code (2010) – Annex 1, Part 8 | PASS   |
| IMO FTP Code (2010) – Annex 1, Part 8<br>(Propane flame test)         | None          | IMO FTP Code (2010) – Annex 1, Part 8 | PASS   |

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

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

.....  
**CAROLE SPOWART**  
(Flammability  
Administrator)

.....  
**GREGORY JAMES**  
(Flammability Technician)

### Additional Information (Annex)

|                                                                                                |            |
|------------------------------------------------------------------------------------------------|------------|
| Name and Address of the Sponsor:                                                               | Not stated |
| Name and Address of the Manufacturer/Supplier (If known):                                      | Not stated |
| Type of Furniture:                                                                             | Upholstery |
| Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m <sup>2</sup> ) Colour & Tone: | Not stated |
| Fire Retardant Treatment:                                                                      | Yes        |

### Uncertainty of Measurement

The uncertainty of measurement for Ignition source 0 has been estimated to be 0.03%

The uncertainty of measurement for Ignition source 1 has been estimated to be 5.43%

### Test Specification

|                         |                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Test Method:            | IMO FTP Code (2010) – Annex 1, Part 8                                                                                      |
| Ignition Source:        | Ignition source 0: Filterless cigarette<br>Ignition source 1: Propane Gas (95% Purity) flowing at 6.38±0.25 g/hour @ 20°C. |
| Flame Application Time: | 20±1 seconds                                                                                                               |
| Side Tested:            | Face                                                                                                                       |

### Cigarette Specification

|                   |                                       |
|-------------------|---------------------------------------|
| Cigarette Type:   | Filterless cigarette                  |
| Dimensions:       | Length: 70±4 mm<br>Diameter: 8±0.5 mm |
| Mass:             | 0.95±0.15 g                           |
| Smouldering Rate: | 11±4.0 min/50mm                       |

### Filling Specification

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Filling Type:       | Polyurethane Foam                                 |
| Supplier / Grade:   | Carpenter / RP21130 Unmodified                    |
| Size:               | 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat) |
| Density / Hardness: | 20-22 kg/m <sup>3</sup> / Type B, 130N            |

### Pre-treatment / Durability procedure

None. Tested as received

### Conditioning

|                     |                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prior to Testing:   | At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% |
| At Time of Testing: | Temperature between 15°C & 25°C. Relative humidity between 20% & 70%                                                                                    |

### Test Results

"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

| Cigarette Test                                       | Initial      |    | Repeat       |    |
|------------------------------------------------------|--------------|----|--------------|----|
| Criterion of Ignition                                |              |    |              |    |
| Smoulders More Than 1 Hour                           | No           |    | No           |    |
| In Final Examination, Presence of Active Smouldering | No           |    | No           |    |
| Occurrence Of Flames                                 | No           |    | No           |    |
| Comments                                             |              |    |              |    |
| Flaming Ceased                                       | -            |    | -            |    |
| Glowing Ceased                                       | -            |    | -            |    |
| Smoke Ceased                                         | < 23 Minutes |    | < 24 Minutes |    |
| Extent of Damage (Burning and/or Charring)           |              |    |              |    |
| Damage to Back (mm) Length / Width                   | 12           | 60 | 13           | 65 |
| Damage to Base (mm) Length / Width                   | 12           | 60 | 13           | 65 |
| Result                                               | PASS         |    | PASS         |    |

| Propane Flame Test                                   | Initial    |    | Repeat     |    |
|------------------------------------------------------|------------|----|------------|----|
| Criterion of Ignition                                |            |    |            |    |
| Smoulders More Than 1 Hour                           | No         |    | No         |    |
| In Final Examination, Presence of Active Smouldering | No         |    | No         |    |
| Flames For Longer Than 120 Seconds                   | No         |    | No         |    |
| Comments                                             |            |    |            |    |
| Flaming Ceased                                       | 0 Second   |    | 0 Second   |    |
| Glowing Ceased                                       | -          |    | -          |    |
| Smoke Ceased                                         | 12 Seconds |    | 10 Seconds |    |
| Extent of Damage (Burning and/or Charring)           |            |    |            |    |
| Damage to Back (mm) Length / Width                   | 80         | 23 | 80         | 20 |
| Damage to Base (mm) Length / Width                   | 10         | 15 | 10         | 13 |
| Result                                               | PASS       |    | PASS       |    |

### Conclusions

When tested over RP21130 foam) the sample meets the flammability performance requirements of the smouldering cigarette test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

When tested over RP21130 foam the sample meets the flammability performance requirements of the propane flame test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

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