



CPSC  
LABORATORY  
IDENTIFICATION  
NUMBER  
1049



# TECHNICAL REPORT

for

**Remigiusz Wodzinski**  
Kebe A/S  
Sortevej 8  
Hornslet  
42-200  
Poland

|   |                                       |                             |            |
|---|---------------------------------------|-----------------------------|------------|
| <b>Customer Order No:</b>               | Remigiusz Wodzinski                   | <b>BLC Job Reference:</b>   | RT167-404  |
| <b>Supplied by:</b>                     | Not specified                         | <b>Date Work Confirmed:</b> | 12/10/2016 |
| <b>Supplying to:</b>                    | John Lewis Partnership                | <b>Date Completed:</b>      | 17/10/2016 |
| <b>Description of Sample Submitted:</b> | Routine Testing to Club Royal Leather |                             |            |

## TESTING OF PIGMENTED LEATHER



The sample referenced in this report has been tested against the following specification:  
**John Lewis Performance Standard Specification No: FUU02 2016 – V1**

for the properties requested only and was found to:

Pass

Fail

with the requirements of the above specification.

### Additional comments/information (if relevant)

The sample has been assessed and tested as pigmented leather.

*J. Hardwick*

Janet Hardwick  
Head of Department

*Nicholas J Cory*

Dr Nicholas J Cory  
Operations Director



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International Laboratory  
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BS EN ISO 17025

## DETAILS OF SAMPLE RECEIVED

| Sample Reference | Description              | Unique Reference/Identifier |
|------------------|--------------------------|-----------------------------|
| S1               | Leather Club Royal Taupe | Club Royal Taupe - 073069   |

## TEST RESULTS

| Test          | Minimum Requirement (pigmented)  |     | Results           |          | Pass/Fail |
|---------------|--|-----|-------------------|----------|-----------|
|               | †Colour fastness to rubbing - Veslic (change of leather colour & pad staining) | Dry | 500 cycles, GSR 4 | Staining |           |
| Colour change |  |     |                   | GSR 4-5  |           |

## METHOD(S) USED FOR ANALYSIS

| Test   | Method                                      |
|--|---|
| †Colour fastness to rubbing - Veslic (change of leather colour & pad staining) | BS EN ISO 11640:2012 / BS EN ISO 11641:2012 |



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**STANDARD TECHNICAL NOTES**  
(all may not be applicable)

|                      |  |
|----------------------|--|
| Terms and Conditions | BLC's Terms and Conditions of Testing can be found at <a href="http://www.blcleathertech.com">www.blcleathertech.com</a>   |
| †                    | Tests within the scope of accreditation  |
| SC                   | Test performed by a competent, BLC approved partner laboratory   |
| I/S                  | Insufficient Sample was submitted to perform the test  |
| Opinions             | Any opinions and interpretations expressed in this test report are based on current knowledge and experience and fall outside of the scope of ISO 17025 accreditation  |
| Sampling location    | Where a full or part hide is supplied, sampling will be carried out in accordance with BS EN ISO 2418:2002 unless otherwise specified.   |
| Sample disposal      | Stable samples will be disposed of after 6 weeks unless otherwise instructed. All other samples will be disposed of on completion of testing   |
| Conditioning         | Where necessary, the sample was conditioned and tested at 23oC ± 2oC and 50% ± 5% RH as specified in the reference standard atmosphere requirements of BS EN ISO 2419:2012 (leather) or in the alternative specific standard atmosphere requirements of BS EN ISO 139:2005 + A1:2011 (textile).  |
| ND                   | None Detected (detection limits are included with the test results)  |
| N/S                  | Not Scrapable (refers to the finish, meaning it cannot be removed for testing)   |
| GC-MS                | Gas Chromatography with Mass Spectroscopy  |
| LC-MS                | Liquid Chromatography with Mass Spectroscopy   |
| ICP-MS               | Induction Coupled Plasma with Mass Spectroscopy  |
| HPLC                 | High Performance Liquid Chromatography   |
| Composite analysis   | If the result multiplied by the number of composited samples exceeds the requirement, then testing of the individual samples may be performed or recommended.  |
| BWS                  | Blue Wool Scale (used for measuring exposure in the UV light fading test)  |
| GSR                  | Grey scale rating. Used to express degree of staining and/or colour change. GSR 5 = no colour change / no staining; GSR 1 = maximum colour change / maximum staining. Visual assessment of GSR is subjective and associated with an uncertainty of ± half a Grey scale unit. This should be taken into account when determining compliance with a specification. Grey scale results are assessed visually. Multifibre adjacent fabric complies with ISO 105-F10. |
| BS EN ISO 11644      | Test uses a two component PU activated adhesive. Where possible four samples are tested and taken from the official sampling position (if known).  |
| Chemical Analysis    | Certain tests such as: Phthalates, Carcinogenic dyes, Allergenic disperse dyes, PAHs, Azo dyes, Organotins, Nitrosamines and Pesticides have multiple elements tested. The scope for these items can be found at <a href="http://www.blcleathertech.com/images/documents/Chemical%20Analysis%20Notes.pdf">http://www.blcleathertech.com/images/documents/Chemical%20Analysis%20Notes.pdf</a> .   |