



CPSC
LABORATORY
IDENTIFICATION
NUMBER
1049



TECHNICAL REPORT

for

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

Customer Order No:	Remigiusz Wodzinski	BLC Job Reference:	RT167-403
Supplied by:	Not specified	Date Work Confirmed:	12/10/2016
Supplying to:	John Lewis Partnership	Date Completed:	17/10/2016

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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DETAILS OF SAMPLE RECEIVED

Sample Reference	Description	Unique Reference/Identifier
S1	Leather Club Royal Black	Club Royal Black - 073089

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	

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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0076
International Laboratory
Accreditation
BS EN ISO 17025

STANDARD TECHNICAL NOTES

(all may not be applicable)

Terms and Conditions	BLC's Terms and Conditions of Testing can be found at www.blcleathertech.com
†	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 http://www.blcleathertech.com/images/documents/Chemical%20Analysis%20Notes.pdf .