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LABORATORY
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BS EN ISO 17025

TECHNICAL REPORT

for

John Kinsella
Chieftain Fabrics
Trim
Co. Meath
Ireland

Customer Order No:	John Kinsella	BLC Job Reference:	RT145-4348 Amended
Supplied by:	Chieftain Fabrics	Date Work Confirmed:	31/03/2015
Supplying to:	Not specified	Date Work Out:	24/04/2015
Description of Sample Submitted:	Quality Testing to Fabric Sample		

QUALITY TESTING



The sample referenced in this report has been tested against the following specification:

BLC Specification for Domestic Upholstery – Quality and Performance 2015-V1

for the properties requested only and was found to:

Pass Fail

with the requirements of the above specification.

Additional comments/information (if relevant)

In the absence of specific requirements for coated fabrics the sample has been tested against the pigmented leather requirement.

pp

Janet Hardwick
Head of Department

pp

Dr Nicholas J Cory
Operations Director



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DETAILS OF SAMPLE RECEIVED

Sample Reference	Description	Unique Reference/Identifier
S1	One Sample of Blue Print Fabric	Chieftain

TEST RESULTS

Test	Minimum Requirement		Result	Pass/Fail	
Maintainability BLC Method M12	Colour change GSR 3-4	After Cleaning	Ketchup	GSR 4-5	Pass
			Coffee	GSR 4-5	
			Soiling cloth	GSR 4-5	
			Red wine	GSR 4-5	
	No change in finish appearance.	After Polishing	Ketchup	GSR 4-5	
			Coffee	GSR 4-5	
			Soiling cloth	GSR 4-5	
			Red wine	GSR 4-5	
Resistance to denim staining on medium to light coloured leathers BLC Method M30	Minimum GSR 3-4		GSR 4-5	Pass	
Colour fastness to light †BSEN ISO 105 BO2:2014	BWS 5		> BWS 5	Pass	



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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 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
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 Scrapeable (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
RoHS	Restriction of Hazardous Substances Directive
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.
Phthalate screening test	Includes DEHP, DBP, BBP, DINP, DIDP, DNOP, DIBP, DnHP, DHNUP, DIHP, DIPP and DMEP, DPP, N-pentyl-isopentylphthalate and 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear.
Organotin screening test	Includes MBT, DBT, TBT, MOT, TeBT, DOT, TPhT & TcyT
Nickel release	The client is responsible for informing the test house which areas are intended for prolonged contact with the skin, and therefore which areas must have wax or lacquer applied to protect a surface from nickel release
Chromium VI after aging	The sample is held at 80°C and 10% rh for 24 hours prior to chromium VI testing
Azo dyes analysis	The analysis covers the aromatic amines detailed In Annex XVII of REACH and listed In Appendix 8: 4 – Aminobiphenyl Benzidine, 4 – Chlorotoluidine, 2 – Naphthylamine, o – Aminoazotoluene, 2 - Amino-4-nitrotoluene 4 – Chloroaniline, 2,4 – Diaminoanisole, 4,4'- Diaminodiphenylmethane, 3,3'- Dichlorobenzidine 3,3'- Dimethoxybenzidine, 3,3'- Dimethylbenzidine, 3,3'- Dimethyl -4,4'-diaminodiphenylmethane, 4 - Cresidine 4,4'-methylene bis-(2-chloroaniline), 4,4'-Oxydianiline, 4,4'-Thiodianiline, 2 – Toluidine, 2,4 - Diaminotoluene 2,4,5 – Trimethylaniline, 2 – aminoanisole, 4 – amino azobenzene
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).