

Chelsea

Technical Information Pack

Hospitality

Hotel

Leisure

Marine

Residential

Workspace

YARWOOD

Leather

Chelsea Leather Technical Information Pack

We look forward to working with you as your leather supplier, here are the main advantages of working with us:

Accredited to ISO9001, Yarwood provides a wide range of leather and faux leather ranges which are suitable for the contract and hospitality, marine, residential and workplace sectors. Yarwood also offer specialist aviation and automotive leathers and faux leathers.

As well as supplying leather and faux leathers, we offer a cutting service which allows you to save time and money by having your order delivered as cut parts.

Additionally, we also offer a sewing service, once again allowing you to save money by having your leather or faux leather cut and sewn ready for assembly.

Please see enclosed the colour palette, technical information and fire certification for the Chelsea range.

All our leathers have a minimum order quantity of one hide.

If you require any samples of our ranges, further information or to place an order, please contact the Sales Office:

+44 (0) 113 252 1014
sales@yarwoodleather.com

YARWOOD
Leather



Range Information - Chelsea

Premium hides are hand-picked for our Chelsea Collection and are sourced exclusively from British Oxen. This quality of hide provides a luxurious leather with large average hide size of 5 m² as well as a higher class of comfort and a sublime feel.

Chelsea's sophisticated colour palette introduces contemporary tones, alongside a few bursts of colour and some traditional lighter shades, all in a two tone effect. The colours are designed to complement textiles or fabrics in combination pieces, or look striking on their own.

Flame retardancy is one of Chelsea's core attributes. Adhering to UK Contract specifications Crib5 and BS 7176 as standard, it is well suited not only to a homely interior but also to upmarket bars and restaurants.

Key Facts

- Two Tone Leather
- Av. Hide Size - 5m²

Fire Regulations

- Meets Cigarette & Match as standard
- Meets Crib 5 as standard
- Meets IMO Part 8 as standard

Please remember that leather is a natural product and there may be natural variation between samples and final batch.
All samples should be treated as a guide for colour and texture only.

Chelsea Technical Information

Application Usage

Hospitality | Hotel | Leisure | Marine | Residential | Workspace

Certification on following pages

Test Results

Material Characteristics

Thickness	1.2 - 1.3 mm ± 0.1mm
Mass	900g/m2 ± 5%
Average Hide Size	5m ²

Wear Tests

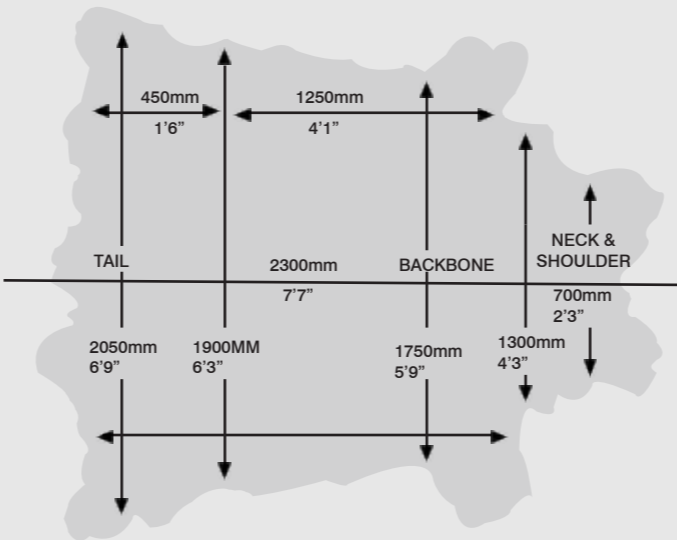
Test	Method	Result
Fastness to Light	BS EN ISO 105-B02:1999	Blue Wool 4/5 (min)
Fastness to Rubbing	BS EN ISO 11640:1998	250 Wet/500 Dry
Tear Strength	BS EN ISO 3377-1:2002	40N

Flammability Tests

	Test	Result
Domestic FR (Cigarette + Match)	BS 5852: Part 1: 1979	Pass
Contract FR (Crib 5)	BS 5852:2006 - Ig source 5	Pass
Marine FR (Indoor Marine Seating)	IMO 2010 FTP Code Annex 1 Part 8	Pass

Typical Chelsea Hide Size

The illustration shown below is a guide to the shape and size of a typical hide. Every hide is different and can vary in size. When ordering leather, please be sure to allow for natural wastage that will occur due to the shape of the hide, a minimum of 30% should be used, contact your sales representative for further guidance.



Chelsea Range

Chelsea’s sophisticated colour palette introduces contemporary tones, alongside a few bursts of colour and some traditional lighter shades, all in a two tone effect. The colours are designed to complement textiles or fabrics in combination pieces, or look striking on their own.

A bespoke colour service is available on the Chelsea range, subject to minimum order quantities.

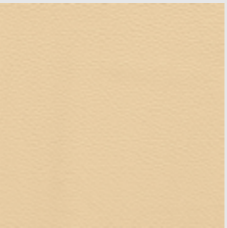
Please remember that leather is a natural product and there may be natural variation between samples and final batch.
All samples should be treated as a guide for colour and texture only.

Silk



3959LAFG001

Champagne



3965LAFG001

Desert



3950LAFG001

Truffle



3952LAFG001

Mink



3955LAFG001

Dark Olive



3951LAFG001

Emerald Green



3961LAFG001

Peacock



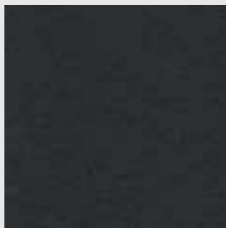
3960LAFG001

Teal



3963LAFG001

Blueberry



3962LAFG001

Regency



3964LAFG001

Moonstone



3957LAFG001

Dove Grey



3956LAFG001

Charcoal



3958LAFG001

Nero



3953LAFG001

Using Chelsea

Two tone leathers feature a contrasting effect, which gives the product depth and character to make stunning seating. With any two-tone product, a degree of shade variation will be common as the two contrasting colours will never be in the same place twice. This therefore means that in these leathers, the colour and shade can differ slightly between hides and also within the same hide

See the following page for a comprehensive care and cleaning guide.

Using Chelsea in Hospitality or Contract Design

Whether it's a cocktail bar, an intimate cafe or a hotel lobby, Chelsea is very versatile leather, suitable for all these area's and more.

Between its sophisticated colour palette and luxurious feel, Chelsea is a striking choice for contract design.

As with all Yarwood ranges, Chelsea comes Crib 5 as standard, for Crib 5 certification please see the end of this technical information pack.

Using Chelsea in Marine Design

Bring the luxurious feel of Chelsea into marine design.

The soft finish and rich tones are perfect for relaxing lounge and welcome areas as well as cabin spaces.

For IMO certification please see the end of this technical information pack.

Using Chelsea in Residential Design

A chaise longue or a bed headboard, Chelsea can be elegant and soft to touch wherever you add it in your home.

Chelsea is loved for traditional home seating with its contemporary colour palette.

For Cigarette + Match Fire certification please see the end of this technical information pack.

Using Chelsea in Workplace Design

Introduce Chelsea into breakout spaces on bench seating, high back chairs and small cushioned stools. A comfortable workspace will increase productivity.

For Crib 5 certification please see the end of this technical information pack.



Chelsea Care and Cleaning Guide

Our semi-natural products are very similar to semi-aniline products in that they have a two-tone effect and some of the unique surface characteristics of the hide remain visible. Our semi-natural products sometimes have a light emboss applied in the intermediary stage to help improve the consistency of the product.

We use a degree of pigmentation to ensure colour consistency and replicability throughout the ranges whilst keeping the products soft and supple throughout. The final result is a soft supple finish with a degree of tonality that gives the product depth and character. With any two-tone a degree of shade variation will be common as the two contrasting colours will never be in the same place twice.

Since these products have a softer top coat, they will inevitably not have as robust qualities as the fully pigmented, corrected leathers

General Care of Chelsea

The biggest enemy to a piece of upholstery is the build-up of material on the surface of the leather. If material is allowed to build up, when you move against the surface of the leather instead of only rubbing material against the surface, the leather grabs any free material and rubs said material under force and pressure against the surface of the leather.

This can cause severe abrasion of the surface. We recommend vacuuming the leather, as this removes the dirt particles and prevents them abrading against the surface of the leather.

Dusting with a cloth is also a suitable process.

Wet Stains

All stains should be removed immediately.

The simple answer is to simply remove any excess liquid or puddles with a damp lint free cloth.

DO NOT use household cleaning products, anything with a solvent base will solubilize the finishes we use to manufacture the leather and will damage the leather.

For any residual stains, use leather cleaning wipes to gently remove the stain from the leather. Most stains should be removable if treated quickly and carefully.

Dry or longer term stains

If the area is dry to the touch, apply leather cleaning wipes by rubbing in a gentle circular motion.

DO NOT use nail varnish remover, acetone, bleach, household detergent, hair spray or other cleaning products other than a damp cloth.

Most household cleaners contain solvents to solubilize the contaminant as such that they can be removed with a damp cloth. The solvent will remove the stain but will also start to dissolve the leather finish.

If in doubt, please get in touch for guidance.



Natural Characteristics of Leather

No two animal hides or skins are identical, just as no two people’s skins are the same, with everyone having different cuts, scars and hair follicle sizes.

These are all natural characteristics of the animals that occur throughout their normal life.

Here are a few examples of natural marks that can be found throughout leather hides.

Instead of taking steps to remove these “imperfections”, we ask you to embrace leather for what it is, a natural and beautiful material.

Don’t see an imperfection, see character and how the authentic piece of furniture will add to your project.

Neck Grain

The majority of animals used to make leather will naturally graze on grass. This involves bending and stretching their necks daily in order to feed.

This constant moving creates creases and growth marks on the back of the neck.

As the age of the animal increases, the number and size of the neck grain will also increase.

On finished leather these grains will appear as textured lines.



Stretch Marks

In the same way in which humans develop stretch marks whilst growing, animals used for leather also have these identifiable marks.

Although this is arguably more common in the female hides and skins, with the obvious factor of childbirth and also the differing amounts of fats present in the skin.



Skin Disease

Psoriasis and eczema are as common in animals as they are in humans. Areas of the skin may be non-uniform where these conditions have been present.

Insect bites and parasite damage may leave varying marks and scars on the skin.



Veins

Just as you see the veins in your own skin, vein lines can appear on finished leather.

This occurs when bacteria is attracted to any remaining nutrient rich blood, in the original pathways of the blood vessels before leather manufacturing begins.

Skin is worn away and degraded into the pattern of the original pathways.



Scars

Animals may come into contact with various objects during their lifetime that can cut the skin, including barbed wire or other animal’s horns, which may result in the scarring of the skin.

Human intervention such as branding, which is done for ownership purposes, and any medical surgery could also leave a permanent scar.

Once these scars are healed, the tissue is slightly raised, however, it keeps intact its structural integrity.



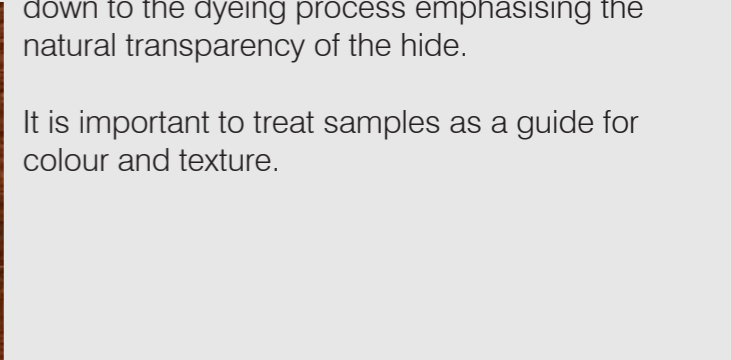
Shade Differentiation

Each individual person has a different skin tone to those next to them, this is also the case in animal hides.

Factors such as age, weight and size can affect the penetration of the dyestuffs. However, strict controls are applied to the chemical conditions to try ensure an even take up.

In a full grain hide you may find that there are different tonal hues, this is quite normal and is down to the dyeing process emphasising the natural transparency of the hide.

It is important to treat samples as a guide for colour and texture.



FLAMMABILITY TEST CERTIFICATE – 84487

COMPANY DETAILS: YARWOOD LEATHER
UNIT 13, TREEFIELD INDUSTRIAL ESTATE
GELDERD ROAD, LEEDS, WEST YORKSHIRE
LS27 7JU

CONTACT NAME(S): JOHN EDWARD
TEL: 01282 696969
EMAIL: john.edward@yarwoodleather.com

DATE RECEIVED: 21/09/2020
DATE TESTED: 28/09/2020
DATE ISSUED: 28/09/2020
PO NUMBER: PO2045

SAMPLE DESCRIPTION: CHELSEA
COLOUR: NOT STATED
QUALITY/BATCH REF: NOT STATED
COMPOSITION: LEATHER
WEAVE TYPE: NOT STATED
YARN COUNT: NOT STATED
THREADS PER INCH: WARP: NOT STATED WEFT: NOT STATED
FR TREATMENT: FABRIC: NOT STATED
MANUFACTURER: FABRIC: NOT STATED
SUPPLIER: FABRIC: NOT STATED
SAMPLE END USE: NOT STATED
FILLING DENSITY Kg/m³: 20-22Kg/m³

SPECIFICATION/REQUIREMENT:

IMO FTP Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating.

LAUNDERING PROCEDURE:

The sample received has not been subjected to any pre-treatment prior to testing.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality Manager

Karen Brooks
Managing Director

FLAMMABILITY TEST CERTIFICATE – 84487

CIGARETTE SPECIFICATION:

Diameter: 8mm Ø

Length: 70mm

Mass: 1.0g

Smouldering Rate: 12 min/50mm

TEST RESULTS:

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

TEST CRITERIA – (CIGARETTE TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Smouldering Ceased	FTS	FTS
PROGRESSIVE SMOULDERING CRITERIA (9.2)		
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/> Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
FLAMING CRITERIA (9.3)		
Cover Split?	NO	NO
Extent of Damage from source of ignition (mm)	3 X 3	3 X 2
TEST RESULT	PASS	PASS

TEST CRITERIA – SCHEDULE 5 PART 1 (MATCH TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Flaming duration:	0.00	0.00
PROGRESSIVE SMOULDERING CRITERIA (9.3)		
Progressive smouldering and/or flaming observed within one hour of the removal of the flame?	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/> Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
FLAMING CRITERIA (9.3)		
Flaming continued for more than 120 seconds after the removal of the burner?	NO	NO
Extent of damage from source of ignition (mm)	38 X 10	40 X 10
TEST RESULT	PASS	PASS

CONCLUSION:

The sample supplied **meets** the performance criteria as stated in paragraph 3 of IMO FTP Part 8

END OF REPORT

FLAMMABILITY TEST CERTIFICATE - 84488

COMPANY DETAILS: YARWOOD LEATHER
UNIT 13, TREEFIELD INDUSTRIAL ESTATE
GELDERD ROAD, LEEDS, WEST YORKSHIRE
LS27 7JU

CONTACT NAME(S): JOHN EDWARD
TEL: 01282 696969
EMAIL: john.edward@yarwoodleather.com

DATE RECEIVED: 21/09/2020
DATE TESTED: 28/09/2020
DATE ISSUED: 28/09/2020
PO NUMBER: PO2045

SAMPLE DESCRIPTION: CHELSEA
COLOUR: NOT STATED
QUALITY/BATCH REF: NOT STATED
MODEL REF: NOT STATED
COMPOSITION: LEATHER
SAMPLE END USE: NOT STATED
MANUFACTURER: NOT STATED
SUPPLIER/BUYER: NOT STATED

TEST METHOD(S):

BS 5852:2006 Clause 11 – Method of test for the ignitibility of upholstered composites ignition source 5.

PRE-TREATMENT:

The sample received has not been subjected to any pre-treatment prior to testing.

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ r h.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality Manager

Karen Brooks
Managing Director

FLAMMABILITY TEST CERTIFICATE – 84488

TEST RESULTS:

“The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.”

TEST RESULTS:

TEST CRITERIA – BS 5852:2006 Source 5	INITIAL TEST	REPEAT TEST
Flaming Ceased:	03.57	03.46
PROGRESSIVE SMOULDERING CRITERIA (4.1)		
FILLING MATERIAL USED:	CMHR 35	CMHR 35
b) Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Smoulder to the extremities i.e. upper or lower margins, either side or to its full thickness?	NO	NO
f) On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	NO	NO
FLAMING CRITERIA (4.2)		
b) Flaming continued for more than 10 minutes after the ignition of the crib?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Flaming and/or smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Flame front reaches the lower margin, either side or passes through the full thickness?	NO	NO
TEST RESULTS	PASS	PASS

CONCLUSION:

The sample supplied **meets** the test criteria of BS 5852:2006 Clause 11

END OF REPORT

Test Certificate 84486 - 1

Report Details

Report Number	84486 - 1	Date Tested	28-Sep-20	Date Issued	28-Sep-20
Service Requested	BS 5852 Part 1: 1979 - Schedule 4 Part 1 & Schedule 5 Part 1				

Customer Details

Company Name	YARWOOD LEATHER LTD			
Customer Contact	John Edward	Company Address	TREEFIELDS INDUSTRIAL ESTATE	
Customer Ref/PO	PO2045		GELDERD ROAD	
			LS27 7JU	

Customer Details - As Supplied by the Customer

Sample Description	CHELSEA
Fibre Composition	LEATHER

Quality/Batch Ref

Colour

Sample End Use

Model Ref

Manufacturer

Supplier / Buyer

Specification:

Schedule 4 Part 1 (The Cigarette test) and Schedule 5 Part 1 (The Match test) of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324.

Test Methods:

BS 5852 Part 1: 1979 – Methods of test for the ignitability by smokers' materials of upholstered composites for seating.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $20 \pm 5^{\circ}\text{C}$ and $50 \pm 20\%$ relative humidity.

Pre-Treatment:

The sample received has not been subjected to any pretreatment prior to testing.

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN
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Test Certificate 84486 - 1

Test Results

The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Test Type	Schedule 4 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
Smouldering Duration [mm:ss]:		FTS	FTS
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
Cover Split		<input type="checkbox"/>	<input type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

Test Type	Schedule 5 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
Smouldering / Flaming / Glowing Duration [mm:ss]:		0:00	0:00
Progressive smouldering observed within one hour after the removal of the flame:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
Flaming continued for more then 120 seconds after the removal of the burner:		<input type="checkbox"/>	<input type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty Uk=2 (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

T: 0161 5050 650 E: technical@ifs-labs.com A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN
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Overall Result: PASS

The sample supplied meets the UK Furniture and Furnishing (Fire)(Safety) Regulations 1988 (amended 1989, 1993, 2010) S.I.1324

Authorised Signature:



Zeb Alam

Operations Director

END OF REPORT

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_k=2$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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