

# Origin

Technical Information Pack

Hospitality

Hotel

Leisure

Marine

Residential

Workspace

# YARWOOD

---

Leather



# Origin 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 Origin 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](mailto:sales@yarwoodleather.com)

**YARWOOD**  
Leather





# Range Information - Origin

Inspired by prominent tones throughout history, the Origin range takes the very best of leather; a distressed look, embracing leathers natural characteristics but with a modern take, ready for the present world of seating.

The fixed distressed look is durable and hard wearing, and as a Yarwood Leather benchmark, comes treated to Crib 5 and IMO Part 8 as standard, meaning it is suitable for commercial seating projects.

Origin, create seating with a story.

### Key Facts

- Fixed Distressed Look
- Av. Hide Size - 3.8m²

### 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.

# Origin Technical Information

## Application Usage

Hospitality | Hotel | Leisure | Marine | Residential | Workspace

Certification on following pages

## Test Results

## Material Characteristics

Thickness	1.2 - 1.4mm ± 0.1mm
Mass	950g/m2 ± 5%
Average Hide Size	3.8m²

## Wear Tests

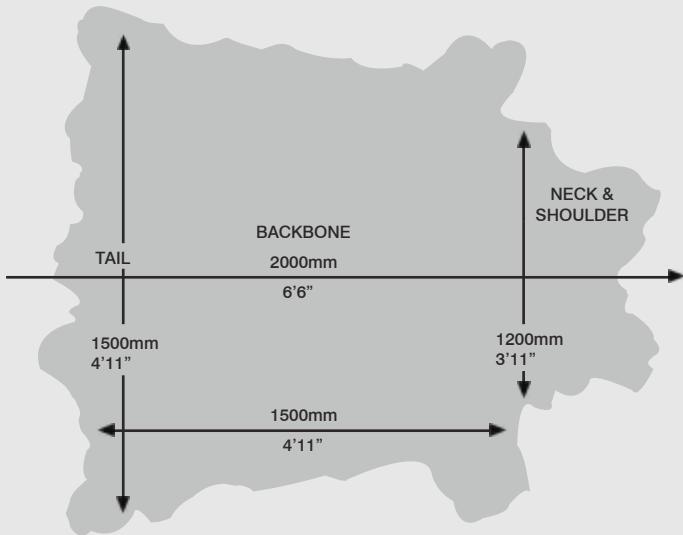
Test	Method	Result
Fastness to Light	BS EN ISO 105-B02:1999	Blue Wool 3 (min)
Fastness to Rubbing	BS EN ISO 11640:1998	250 Wet / 500 Dry
Tear Strength	BS EN ISO 3370-1:2002	20N

## 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 Origin 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.



# Origin Range

The colour pallet of Origin takes its inspiration from cities, cultures and landmarks throughout time.

Natural tones are complemented by rich greens, blues, and vivid reds all embracing the distressed two-tone look.

A bespoke colour service is available on the Origin 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.

Colesseum



1487LEFG001

Rune



1488LEFG001

Pyramid



1486LEFG001

Totem



1485LEFG001

Boomerang



1483LEFG001

Pagoda



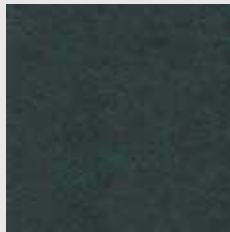
1484LEFG001

Lapis



1481LEFG001

Tapestry



1482LEFG001

Laurel



1480LEFG001



# Using Origin

With any product, it is important to ensure the right material is being used for your application.

Offering a fixed distressed look, Origin offers the best of the natural leather look with durability for seating.

## Fire Regulations

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

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

## Using Origin in Hospitality or Contract Design

From dining chairs to bespoke cinema seating, Origin combines the rustic leather look with a hard-wearing finish.

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

## Using Origin in Marine Design

Bar panelling, relaxation area seating or cabin desk chairs, try natural tones of Origin throughout yacht or cruise ship design. For statement seating try the green, blue or red tones to bring in vibrant colours but with a distressed finish.

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

## Using Origin in Residential Design

Relax on Origin.

Footstools, armchairs and family sofas all embrace the Origin look.

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

## Using Origin in Workplace Design

Origin has been used to create bold boardroom designs, its distressed finish brings both comfort and a unique finish to task seating, meeting dens or breakout bench seating.

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





# Origin Care and Cleaning Guide

Pigmented or protected leathers were one of the most common types of leather used for furniture and continue to be the most popular today.

Pigmented leathers are made by applying a pigmented top coat to the tanned and dyed leather to form a continuous homogenous film that is uniform in terms of thickness and colour.

A pigmented product can then be embossed for further consistency or the grain layer left intact (called a full grain).

These products usually have the highest degree of protection and are usually the easiest to clean and care for.

## General Care of Origin

The biggest enemy to a piece of upholstery is the build-up of material on the surface of the leather.

When we make our pigmented leathers, the grain is embossed onto the surface to give a homogenous finish throughout.

The grain has a distinct pattern with peaks and valleys, if material is allowed to build up in these valleys there is a risk of severe abrasion of the surface of the leather. When you move against the surface of the leather instead of only rubbing fabric against the surface, the fabric grabs any free material and rubs said material under force and pressure against the surface of the leather.

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.

It is very important to remove any excess as quickly as possible from the surface. If stains are not cleaned quickly the stain can penetrate into the fibre structure of the leather where it will become much harder to remove.

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.



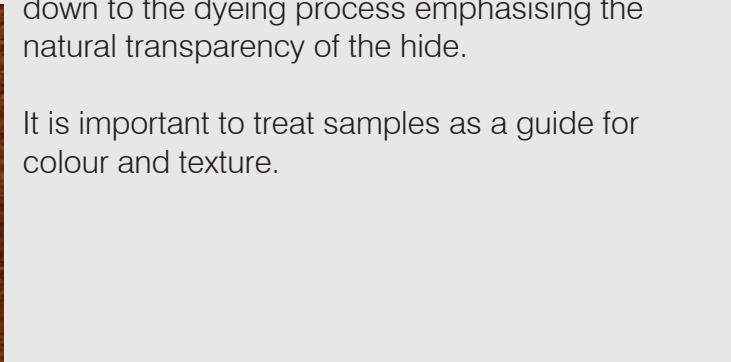
## Shade Differentiation

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 – 84481

**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:** ORIGIN  
**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/m<sup>3</sup>:** 20-22Kg/m<sup>3</sup>

---

### 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 – 84481

### 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
<b>PROGRESSIVE SMOULDERING CRITERIA (9.2)</b>		
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"/>	
<b>FLAMING CRITERIA (9.3)</b>		
Cover Split?	NO	NO
Extent of Damage from source of ignition (mm)	4 X 2	3 X 2
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>

TEST CRITERIA – SCHEDULE 5 PART 1 (MATCH TEST)	INITIAL TEST	REPEAT TEST
FILLING MATERIAL USED:	VP45	VP45
Flaming duration:	0.00	0.00
<b>PROGRESSIVE SMOULDERING CRITERIA (9.3)</b>		
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"/>	
<b>FLAMING CRITERIA (9.3)</b>		
Flaming continued for more than 120 seconds after the removal of the burner?	NO	NO
Extent of damage from source of ignition (mm)	40 X 9	45 X 10
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>

### CONCLUSION:

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

END OF REPORT

---

## FLAMMABILITY TEST CERTIFICATE - 84482

**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:** ORIGIN  
**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 – 84482

### 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:	04.14	04.16
<b>PROGRESSIVE SMOULDERING CRITERIA (4.1)</b>		
<b>FILLING MATERIAL USED:</b>	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
<b>FLAMING CRITERIA (4.2)</b>		
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
<b>TEST RESULTS</b>	<b>PASS</b>	<b>PASS</b>

### CONCLUSION:

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

END OF REPORT

## Test Certificate 84480 - 1

### Report Details

<b>Report Number</b>	84480 - 1	<b>Date Tested</b>	28-Sep-20	<b>Date Issued</b>	28-Sep-20
<b>Service Requested</b>	BS 5852 Part 1: 1979 - Schedule 4 Part 1 & Schedule 5 Part 1				

### Customer Details

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

### Customer Details - As Supplied by the Customer

<b>Sample Description</b>	ORIGIN
<b>Fibre Composition</b>	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  
Copyright IFS Laboratories Limited



## Test Certificate 84480 - 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 <sup>3</sup>	VP45 20-22Kg/m <sup>3</sup>
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 <sup>3</sup>	VP45 20-22Kg/m <sup>3</sup>
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  
Copyright IFS Laboratories Limited

**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.

T: 0161 5050 650 E: [technical@ifs-labs.com](mailto:technical@ifs-labs.com) A: Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN  
Copyright IFS Laboratories Limited



## Get in touch

Treefield Industrial Estate  
Gelderd Road  
Morley, Leeds  
LS27 7JU  
UK

t: +44 (0) 113 252 1014  
f: +44 (0) 113 252 7391  
e: [sales@yarwoodleather.com](mailto:sales@yarwoodleather.com)  
w: [www.yarwoodleather.com](http://www.yarwoodleather.com)  
s: [@yarwoodleather](https://www.instagram.com/yarwoodleather)