

# Churchill

Technical Information Pack

Healthcare

Hospitality

Marine

Residential

Workplace

# YARWOOD

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## Faux Leather



# Churchill Faux Leather Technical Information Pack

We look forward to working with you as your faux 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 domestic, aviation, automotive, contract and office upholstery sectors.

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

All our faux leathers have a minimum order quantity of one linear metre.

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  
[enquiries@yarwoodleather.com](mailto:enquiries@yarwoodleather.com)

**YARWOOD**  
Faux Leather





# Range Information

The Churchill range is a distressed faux leather that evokes memories of grandeur. Whether you’re in a modern bistro, in a casino or even in a traditional care home, Churchill creates a perfectly aged look. Whilst it may have an aged look, you should not be fooled by its appearance.

Churchill is an intrinsically high-performance faux leather, meeting Contract level Crib 5 and IMO flame retardancy as standard.

Being inherently anti-bacterial and anti-fungal, Churchill is treated with our Sanitized™ treatment, which prevents the growth and proliferation of bacteria and fungi on Churchill.

## Key Facts

- Aged, distressed leather look
- Anti-Bacterial
- Anti-Fungal

## Fire Regulations

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

Please note that faux leather is manmade and therefore, repeat patterns may be noticeable within the product. Even though it is a manmade product, colour variation can happen from batch to batch and material should be checked thoroughly prior to use or cutting

# Technical Information

## Application Usage

Healthcare | Hospitality | Marine | Residential | Workplace

Certification on following pages

## Test Results

### Wear Tests

Test	Units	Warp	Weft	Method
Tensile Strength	N	539	490	EN ISO 13934-1 UNE-EN ISO 1421
Tear Resistance	N	20	29	EN ISO 13937-3
Seam Slippage Resistance	mm	2.6	1.8	EN ISO 13938-2: 2004
Peeling Resistance	Grade	5	5	EN ISO 12945-2: 2000
Flex Endurance	No. of Flexes	> 100,000	> 100,00	ISO 7854: 1995
Abrasion Resistance	No. of Cycles	> 100,000	> 100,00	EN ISO 5470-2 (wool)
Bagging / Poaching	mm	5.53	5.53	NF G 35 104
Fastness to Light	Grade	6-7	6-7	EN ISO 105 B02
Colour Fastness to Rubbing	Wet Rubs	5	5	EN ISO 105 X 12
Colour Fastness to Rubbing	Dry Rubs	5	5	EN ISO 105 X 12

### Material Characteristics

Composition	Width	Weight	Thickness
63% PVC 35% Cotton 2% PU	140 cm ± 2cm 55 inches	620g/m2 ± 5%	0.9-1.1 mm ± 10%

### 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

### Microbiological Tests

	Test	Result
Antibacterial Resistance	JIS Z 2801 Antimicrobial Activity of Plastics	Pass
Antifungal Activity	ISO 846 A Plastics — Evaluation of the action of microorganisms	Pass





# Using Churchill

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

When upholstered, Churchill offer a long lasting finish when treated with care.

## 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 Churchill in Education Design

Bring the distressed leather look into education design. Churchill's distressed look would create a relaxed feeling in staff rooms, libraries and welcome spaces in schools. In higher education, lecture theatres and communal areas in student accommodation could also embrace the distressed leather look of Churchill.

## Using Churchill in Healthcare Design

Being treated as standard with our Sanitized™ treatment provides Churchill with anti-bacterial and anti-fungal properties, preventing the growth and proliferation of bacteria and fungi on Churchill.

Churchill is used in healthcare settings, such as care homes and waiting room seating, the relaxed finish can add comfort to a clinical design.

## Using Churchill in Hospitality Design

Widely used across pubs, restaurants and hotels, Churchill is produced to Crib 5 regulations as standard. Churchill offers traditional tones and a distressed leather look for long banquette seating, deep buttoned armchairs or headboards.

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

## Using Churchill in Marine Design

As with all Yarwood Faux Leather's Churchill is suitable for indoor use in marine design. Bring a home away from home feel to life on the seas, whether that be a restaurant on board a cruise liner to cabin seating and headboards on a yacht.

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

## Using Churchill in Residential Design

Window seating, dining chairs or ottomans, get creative with using Churchill within residential designs.

## Using Churchill in Workplace Design

Reception seating, breakout dens or task seating, bring in a distressed leather look into the workplace.

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



# Churchill Range

Bringing traditional brown tones with monochrome shades for this range.

Churchill provides a distressed leather look, in much loved leather tones.

Browns:  
Ash, Tan, Rust

Deep Reds:  
Claret

Warm Grey:  
Anthracite

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

Please note that faux leather is manmade and therefore, repeat patterns may be noticeable within the product. Even though it is a manmade product, colour variation can happen from batch to batch and material should be checked thoroughly prior to use or cutting.

Ash



V CHUR02

Rust



V CHUR01

Anthracite



V CHUR06

Tan



V CHUR03

Claret



V CHUR04



# Churchill Care and Cleaning Guide

Regular care is important for keeping your seating looking its best.

If in doubt, please get in touch for guidance.

## General Care of Churchill

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

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

Common stains

E.g. mascara, felt tip pen, crayon, chocolate, body lotions.

Remove excess spill with a damp cloth. Clean with a 1:1 mix of alkaline soap and water. Then, rinse with water.

## Disinfecting and Severe stains

Churchill can be safely disinfected by using chlorine based products which contain up to 2% active chlorine diluted with water.

Severe stains

E.g. blood, urine, lipstick

Remove excess spill with a damp cloth.

Clean with 1:1 mix of alkaline soap and water.

Disinfect with bleach and water.

Rinse with water and then dry with cotton cloth.



## FLAMMABILITY TEST REPORT

**Report No.:** LEI22050096B    **Date Received:** 03/05/22    **Date Tested:** 09/05/22    **Date Issued:** 10/05/21

**Company Name & Address:**  
YARWOOD LEATHER  
UNIT B  
TREEFIELD IND. EST.  
GILDERSOME  
LEEDS  
LS27 7JU

**Contact Name:** JOHN EDWARD

### Sample Details

Order No.: PP0002082  
Sample Description: CHURCHILL  
Ref. / Style No.: Not stated  
Batch No.: Not stated  
Colour: Not stated  
Quality: ASH  
Supplier: Not stated  
Batch No.: Not stated  
End Use: UPH  
No. of Samples: 1  
Quoted Fibre Composition: Not stated  
Retailer: General  
Buying Division: Not stated  
Sample Description: Black coloured woven fabric with brown coloured coating

Test Method	Pre Treatment	Requirement	Result
BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	None	As BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	NI/5 (PASS)

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(Flammability Technician)

Report No.: LEI22050096B Page 1 of 3

## FLAMMABILITY TEST REPORT

### Test Specification

Test Method:

BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5

### Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 5.99%

### Foam specification

Supplier / Grade:

Carpenter / RX36110

Size:

450 x 450 x 75mm (back) & 450 x 300 x 75mm (seat)

Density / Hardness:

36kg/m<sup>3</sup> ± 5% / 105N ± 15%

### Conditioning

Prior to Testing:

At least 72 hours in ambient indoor conditions, then at least 24 hours in an atmosphere having a temperature of 23 ± 2°C and a relative humidity of 50 ± 5%

At Time of Testing:

Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

### Test Results

*"The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852: 2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use";*

Test number / position	1		2	
Criterion of Ignition				
Smouldering Criteria				
Externally detectable amounts of smoke, heat or glowing 60 minutes after crib ignition	No		No	
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Smouldering essentially consumed the test specimen within the duration of the test / Smouldering reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	No		No	
Flaming Failure				
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No		No	
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No		No	
Flaming essentially consumed the test specimen within the duration of the test	No		No	
Flaming reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	No		No	
Debris from the test specimen caused an isolated floor fire that continued to flame for more than 10 minutes after the ignition of the crib	No		No	
Final Examination				
Progressive smouldering was observed when the sample was dismantled	No		No	
Evidence of charring within the filling (other than discolouration) more than 100mm in any direction, apart from upwards, from the nearest part of the original position of the ignition source	No		No	
Time to extinction of flames after crib ignition	4 Minutes 05 Seconds		4 Minute 32 Seconds	
Time to extinction of glowing after crib ignition	6 Minutes 16 Seconds		6 Minutes 37 Seconds	
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased		Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased	
Maximum extent of damage to back (mm) Length / Width	400	100	400	102
Maximum extent of damage to base (mm) Length / Width	78	107	75	104
Test Result	NI/5 (PASS)		NI/5 (PASS)	
Ignitability performance index: "Clause 11 - NI/5"				



## FLAMMABILITY TEST REPORT

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

## FLAMMABILITY TEST REPORT

**Report No.:** LEI22050096A      **Date Received:** 03/05/22      **Date Tested:** 09/05/22      **Date Issued:** 10/05/22

**Company Name & Address:** YARWOOD LEATHER  
UNIT B  
TREEFIELD IND. EST.  
GILDERSOME  
LEEDS  
LS27 7JU

**Contact Name:** JOHN EDWARD

### Sample Details

Order No.: PP0002082  
Sample Description: CHURCHILL  
Ref. / Style No.: Not stated  
Batch No.: Not stated  
Colour: Not stated  
Quality: ASH  
Supplier: Not stated  
Batch No.: Not stated  
End Use: UPH  
No. of Samples: 1  
Quoted Fibre Composition: Not stated  
Retailer: General  
Buying Division: Not stated  
Sample Description: Black coloured woven fabric with brown coloured coating

Test Method	Pre Treatment	Requirement	Result
BS 5852: Part 1: 1979, Ignition source 0 (Cigarette)	None	Compliance with Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>Complies</b>
<b>Note:</b> Fabric was submitted for test rather than the upholstery composite so as suggested by The Guide to the Furniture Regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non-modified) as this will give the furniture manufacturer a good indication of its likelihood to pass the cigarette test for the finished article			
BS 5852: Part 1: 1979, Ignition source 1 (Match)	None	Compliance with Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>Complies</b>

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(Flammability Technician)



## FLAMMABILITY TEST REPORT

### Test Specification

Test Method: BS 5852: Part 1: 1979 as modified by Schedule 4 Part 1 & Schedule 5 Part 1 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).

Ignition Source: Ignition source 0: Filterless cigarette  
Ignition source 1: Butane Gas flowing at 45ml/min @ 25°C.

Flame Application Time: 20±1 seconds

Side Tested: Face

### Uncertainty of Measurement

The uncertainty of measurement for Schedule 4 Part 1 source 0 has been estimated to be 0.03%

The uncertainty of measurement for Schedule 5 Part 1 source 1 has been estimated to be 5.43%

### Filling Specification

Filling Type: Polyurethane foam

Supplier / Grade: Carpenter / RP21130 unmodified

Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)

Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B, 130N

### Pre-treatment / Durability Procedure

None

### Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

### Test Results

*"The following test results relate only to the ignitability of the combinations of 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."*

Ignition source 0 (Test 1):	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. <b>(Pass)</b>
Ignition source 0 (Test 2):	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. <b>(Pass)</b>
Ignition source 1 (Test 1):	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
Ignition source 1 (Test 2):	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>

### Conclusions

The composite tested meets the requirements of Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

The fabric tested meets the requirements of Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

## FLAMMABILITY TEST REPORT

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.



## FLAMMABILITY TEST REPORT

**Report No.:** LEI22050096C

**Date Received:** 03/05/22

**Date Tested:** 09/05/22

**Date Issued:** 10/05/22

**Company Name & Address:**

YARWOOD LEATHER  
UNIT B  
TREEFIELD IND. EST.  
GILDERSOME  
LEEDS  
LS27 7JU

**Contact Name:**

JOHN EDWARD

### Sample Details

Order No.:	PP0002082
Sample Description:	CHURCHILL
Ref. / Style No.:	Not stated
Batch No.:	Not stated
Colour:	Not stated
Quality:	ASH
Supplier:	Not stated
Batch No.:	Not stated
End Use:	UPH
No. of Samples:	1
Quoted Fibre Composition:	Not stated
Retailer:	General
Buying Division:	Not stated
Sample Description:	Black coloured woven fabric with brown coloured coating

Test Method	Pre Treatment	Flammability Performance Requirements	Result
IMO FTP Code (2010) – Annex 1, Part 8 (Smouldering cigarette test)	None	IMO FTP Code (2010) – Annex 1, Part 8	PASS
IMO FTP Code (2010) – Annex 1, Part 8 (Propane flame test)	None	IMO FTP Code (2010) – Annex 1, Part 8	PASS

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Report No.: LEI22050096C Page 1 of 4

## FLAMMABILITY TEST REPORT

### Additional Information (Annex)

Name and Address of the Sponsor: Not stated  
Name and Address of the  
Manufacturer/Supplier (If known): Not stated  
Type of Furniture: Not stated  
Fabric Details – Weave/Density/Yarn  
count/thickness(mm)/mass(g/m<sup>2</sup>) Colour &  
Tone: Not stated  
Fire Retardant Treatment: Not stated

### Test Specification

Test Method: IMO FTP Code (2010) – Annex 1, Part 8  
Ignition Source: Ignition source 0: Filterless cigarette  
Ignition source 1: Propane Gas (95% Purity) flowing at 6.38±0.25 g/hour @  
20°C.  
Flame Application Time: 20±1 seconds  
Side Tested: Face

### Uncertainty of Measurement

The uncertainty of measurement for ignition source 0 has been estimated to be 0.03%  
The uncertainty of measurement for ignition source 1 has been estimated to be 5.43%

### Cigarette Specification

Cigarette Type: Filterless cigarette  
Dimensions: Length: 70±4 mm  
Diameter: 8±0.5 mm  
Mass: 0.95±0.15 g  
Smouldering Rate: 11±4.0 min/50mm

### Filling Specification (As requested by the customer)

Filling Type: Polyurethane Foam  
Supplier / Grade: Carpenter / RP21130 Unmodified  
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B, 130N

### Pre-treatment / Durability procedure

None. Tested as received

### Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an  
atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At Time of Testing: Temperature between 15°C & 25°C. Relative humidity between 20% & 70%



## FLAMMABILITY TEST REPORT

### Test Results

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

Cigarette Test	Initial		Repeat	
Criterion of Ignition				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Occurrence Of Flames	No		No	
Comments				
Flaming Ceased	-		-	
Glowing Ceased	-		-	
Smoke Ceased	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering		The cigarette failed to burn its complete length, there was no flaming or progressive smouldering	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	-	-	-	-
Damage to Base (mm) Length / Width	-	-	-	-
Result	PASS		PASS	

Propane Flame Test	Initial		Repeat	
Criterion of Ignition				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Flames For Longer Than 120 Seconds	No		No	
Comments				
Flaming Ceased	0 Seconds		0 Seconds	
Glowing Ceased	-		-	
Smoke Ceased	20 Seconds		20 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	70	13	75	13
Damage to Base (mm) Length / Width	10	10	10	10
Result	PASS		PASS	

### Conclusions

When tested over RP21130 foam (as requested by the customer) the sample meets the flammability performance requirements of the smouldering cigarette test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

When tested over RP21130 foam (as requested by the customer) the sample meets the flammability performance requirements of the propane flame test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

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## Get in touch

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