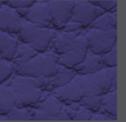
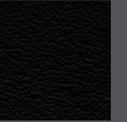
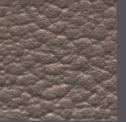
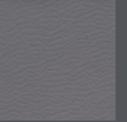
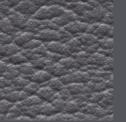
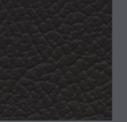
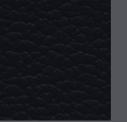
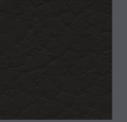
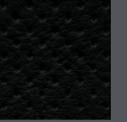
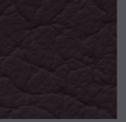
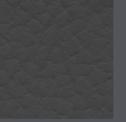
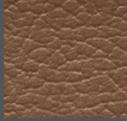
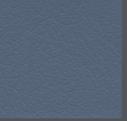
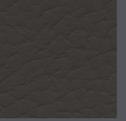
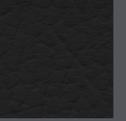
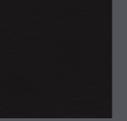
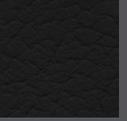
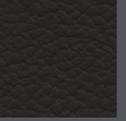
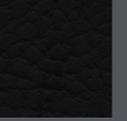


 <p>White CG026 Cairngorm</p>	 <p>Silk SX004 Caledonian</p>	 <p>Cirrus CG025 Cairngorm</p>	 <p>Biscuit GP077 Grampian</p>	 <p>Dijon CG038 Cairngorm</p>	 <p>Cinnamon LA005 Lustrana</p>	 <p>Ox Blood LA017 Lustrana</p>	 <p>Rich GP110 Grampian</p>	 <p>Dusty Rose CG039 Cairngorm</p>	 <p>Cherry LA092 Lustrana</p>	 <p>Harvest SX016 Caledonian</p>	 <p>Amethyst GP168 Grampian</p>	 <p>Rockall SF297 Sateen</p>	 <p>Oxford Blue CG009 Cairngorm</p>	 <p>Teal GP169 Grampian</p>	 <p>Whisper CG036 Cairngorm</p>	 <p>Angora GP166 Grampian</p>	 <p>Pomelo SX687 Caledonian</p>	 <p>Dark Green LA009 Lustrana</p>	 <p>Taupe GP100 Grampian</p>	 <p>Grey SF078 Sateen</p>	 <p>Shadow SX034 Caledonian</p>	 <p>Charcoal SF626 Sateen</p>	 <p>Black LA002 Lustrana</p>
 <p>Pearl MT053 Metallic</p>	 <p>Soft White GP118 Grampian</p>	 <p>Birch GP119 Grampian</p>	 <p>Fawn SX011 Caledonian</p>	 <p>Sandstone LA113 Lustrana</p>	 <p>Saddle Brown CG019 Cairngorm</p>	 <p>Rust LA018 Lustrana</p>	 <p>Shiraz CG014 Cairngorm</p>	 <p>Pomegranate CG031 Cairngorm</p>	 <p>Madeira GP038 Grampian</p>	 <p>Jaffa CG013 Cairngorm</p>	 <p>Nightshade GP170 Grampian</p>	 <p>Admiralty Blue GP068 Grampian</p>	 <p>Marine SF104 Sateen</p>	 <p>Aqua SX032 Caledonian</p>	 <p>Cloud SX688 Caledonian</p>	 <p>Laurel SX689 Caledonian</p>	 <p>Racing Yellow GP078 Grampian</p>	 <p>Bottle Green SX031 Caledonian</p>	 <p>Oyster MT052 Metallic</p>	 <p>Horizon SX690 Caledonian</p>	 <p>Grey MT050 Metallic</p>	 <p>Anthracite CG002 Cairngorm</p>	 <p>Space CG030 Cairngorm</p>
 <p>Vanilla SX001 Caledonian</p>	 <p>Manilla GP018 Grampian</p>	 <p>Lightstone Beige GP076 Grampian</p>	 <p>Sahara SX010 Caledonian</p>	 <p>Whisky CG033 Cairngorm</p>	 <p>Beechwood GP127 Grampian</p>	 <p>Chestnut LA004 Lustrana</p>	 <p>Mahogany LA015 Lustrana</p>	 <p>Red CG016 Cairngorm</p>	 <p>Scarlet CG010 Cairngorm</p>	 <p>Lip GP113 Grampian</p>	 <p>Totem GP111 Grampian</p>	 <p>Bobbin CG007 Cairngorm</p>	 <p>Egyptian Blue GP172 Grampian</p>	 <p>Atlantic Green CG029 Cairngorm</p>	 <p>Sky High SX033 Caledonian</p>	 <p>Rosemary GP176 Grampian</p>	 <p>Parrot CG018 Caledonian</p>	 <p>Leaf SX017 Caledonian</p>	 <p>Limestone CG035 Cairngorm</p>	 <p>Cadet Grey SX686 Caledonian</p>	 <p>Heron CG004 Cairngorm</p>	 <p>Charcoal Grey GP042 Grampian</p>	 <p>Perforated Black</p>
 <p>Oyster SX006 Caledonian</p>	 <p>Savannah SX007 Caledonian</p>	 <p>Cashmere SX009 Caledonian</p>	 <p>Butterscotch CG022 Cairngorm</p>	 <p>Cognac CG034 Cairngorm</p>	 <p>Chestnut SX024 Caledonian</p>	 <p>Sable CG018 Cairngorm</p>	 <p>Burnt Plum SX021 Caledonian</p>	 <p>Cranberry SX014 Caledonian</p>	 <p>Pillar Box CG012 Caledonian</p>	 <p>Poppy CG011 Cairngorm</p>	 <p>Imperial GP004 Grampian</p>	 <p>Russian Blue CG006 Cairngorm</p>	 <p>Delta SF637 Sateen</p>	 <p>Celestial GP173 Grampian</p>	 <p>Silver Pearl CG026 Caledonian</p>	 <p>Thyme GP175 Grampian</p>	 <p>Bergamot GP167 Grampian</p>	 <p>Ocean Green CG027 Cairngorm</p>	 <p>Doe GP041 Grampian</p>	 <p>Silver MT049 Metallic</p>	 <p>Niagara GP019 Grampian</p>	 <p>Black CG001 Cairngorm</p>	<p>Any of the leathers on this card can be perforated post production. Due to the technical limitation of perforating, we advise contacting the tannery to discuss individual requirements.</p>
 <p>Oatmeal SX005 Caledonian</p>	 <p>Alpaca GP069 Grampian</p>	 <p>Magma SX021 Cairngorm</p>	 <p>Gold MT054 Metallic</p>	 <p>Burnt Orange SX028 Caledonian</p>	 <p>Mocha SX023 Caledonian</p>	 <p>Highland Bark SX029 Grampian</p>	 <p>Loom SX017 Cairngorm</p>	 <p>Mulberry CG015 Cairngorm</p>	 <p>Virginia SX015 Caledonian</p>	 <p>Tulip GP171 Grampian</p>	 <p>Purple SX625 Lustrana</p>	 <p>Midnight CG031 Grampian</p>	 <p>Regal Blue GP126 Grampian</p>	 <p>Mallard CG037 Cairngorm</p>	 <p>Riviera SX020 Caledonian</p>	 <p>Sage SX019 Caledonian</p>	 <p>Moss GP131 Grampian</p>	 <p>Lomond CG032 Cairngorm</p>	 <p>Explore GP064 Grampian</p>	 <p>Shale LA116 Lustrana</p>	 <p>Pewter SX067 Grampian</p>	 <p>Black SX027 Caledonian</p>	
 <p>Stone CG024 Cairngorm</p>	 <p>Maple GP010 Grampian</p>	 <p>Mink SX008 Caledonian</p>	 <p>Ginger CG020 Cairngorm</p>	 <p>Auburn GP122 Grampian</p>	 <p>Chocolate SX022 Caledonian</p>	 <p>Cocoa GP099 Grampian</p>	 <p>Peat SX030 Grampian</p>	 <p>Burgundy GP121 Grampian</p>	 <p>Barolo LA115 Lustrana</p>	 <p>Raspberry CG012 Cairngorm</p>	 <p>Purple Polka CG008 Cairngorm</p>	 <p>Serpentine LA114 Lustrana</p>	 <p>Ink SF169 Sateen</p>	 <p>Atlantic Blue SF197 Sateen</p>	 <p>Cornflower GP174 Grampian</p>	 <p>Portland Grey CG005 Cairngorm</p>	 <p>Amazon CG028 Cairngorm</p>	 <p>Buffalo GP037 Grampian</p>	 <p>Gunmetal CG003 Cairngorm</p>	 <p>Lilac Moon GP165 Grampian</p>	 <p>Fastnet SX025 Caledonian</p>	 <p>Black GP001 Grampian</p>	

The Upholstery Collection

Muirhead®

Leather for a Modern World

For over a century Andrew Muirhead & Son have been at the forefront of the leather industry, producing high performance quality leathers from hides reared through a unique blend of animal husbandry and fertile grazing, predominantly in Scotland.

Each and every hide is unique, with its own character and qualities, including growth lines, scars, and variations of grain and tone. These are testament to the natural origin of the leather and should not be regarded as a defect or fault.

Access to the finest raw materials helps us provide our customers with consistently high quality, finest Scottish leather.

We have an enviable track record in developing innovative solutions, on time and to budget across the diverse industries that we supply.

Offering a range of the finest leathers in a wide variety of colours, finishes and distinctive technologies we can meet the exacting needs of the modern designer.

Our Unique Leather

Caledonian - 1.0mm luxury leather with a matt finish and a haircell grain suitable for all domestic and contract upholstery applications.

Lustrana - 1.0mm leather with a bright two-tone finish and haircell grain, suitable for most contract and domestic applications, and popular for traditional style upholstery.

Sateen - 1.0mm premium leather with a matt finish and a haircell grain. Fully fire retardant and is certified to conform with airworthiness and public seating specifications.

Metallic - 1.1mm leather with a metallic finish and an Orkney grain suitable for all upholstery applications.

Grampian - 1.2mm leather with luxurious pebbled grain which is suitable for use in any high traffic environment.

Cairngorm - 1.2mm high quality leather with a distinctive grain and matt finish suitable for all upholstery applications.

Environmental Pioneers

As the importance of the environment plays an increasing role in business, more and more 'Green Standards' appear. One standard exists above all these, however, ISO14001 is the original and still the most exacting measure of a company's environmental commitment and we are proud to hold accreditation to the world's most comprehensive environmental management system.

After substantial investment, we operate the leather industry's only Thermal Energy Plant where process waste is recycled into energy for use in the manufacturing process.

Visit www.lowcarbonleather.com for more information.

Technical Excellence

All of our leathers are tested and certified to meet the most exacting standards of performance and safety.

Our standard stock leathers within this card are tested to British Standard BS 6608:1985 and EN ISO 13336 for thickness, tear strength, flexing endurance, colour fastness, resistance to blocking, adhesion of finish and pH of aqueous extract.

They also conform to BS5852 Part 2 2006 Crib Source 5 when used in conjunction with a CMHR foam.

For full details of the tests, visit www.muirhead.co.uk

PRODUCT CHARACTERISTICS			CALEDONIAN	LUSTRANA	SATEEN	METALLIC	GRAMPIAN	CAIRNGORM
Description	Test Method	Minimum	Super premium leather with a silky smooth finish.	Premium leather with a bright two-tone finish and haircell grain.	Premium leather with a matt finish and a haircell grain.	Premium leather with pearlescent metallic finish and a pebbled grain.	High quality leather with a pronounced grain and matt finish.	High quality leather with a distinctive grain and matt finish.
Colour Fastness To Rubbing (Wet)	BS EN ISO 11640:2012	150 Cycles 500 Cycles	•	•	•	•	•	•
Colour Fastness To Rubbing (Perspiration)	BS EN ISO 16641:2012	50 Cycles 100 Cycles	•	•	•	•	•	•
Colour Fastness To Rubbing (Dry)	BS EN ISO 11640:2012	500 Cycles 1000 Cycles	•	•	•	•	•	•
Light Fastness	ISO 105-B02:2014	Min 6 Blue Wool	•	•	•	•	•	•
Finish Adhesion (Dry)	BS EN ISO 11644:2009	5n/10mm	•	•	•	•	•	•
Finish Adhesion (Wet)	BS EN ISO 11644:2009	2n/10mm	•	•	•	•	•	•
Burning Behaviour	BS 5852:2006	Crib 5	•	•	•	•	•	•
	IMO Module B	Certified	•	•	•	•	•	•
Flexing Endurance	BS EN ISO 5402-1:2017	20,000 Cycles 100,000 Cycles	•	•	•	•	•	•
Tear Strength	BS EN ISO 3377-2	Min 35N	•	•	•	•	•	•
Tensile Strength	BS EN ISO 3376:2011	12N/mm ²	•	•	•	•	•	•
Elongation at break	BS EN ISO 3376:2011	35% to 60%	•	•	•	•	•	•
Abrasion	BS EN ISO 17076-1:2012 CS10/500g	500 Cycles 1000 Cycles	•	•	•	•	•	•
Weight		700 to 850g/m ² 800 to 900g/m ²	•	•	•	•	•	•
Substance	BS EN ISO 2589:2016	1.0 mm 1.1 mm 1.2 mm	•	•	•	•	•	•
Colour	Spectrophotometer	Match to Master <1.0 ΔE	•	•	•	•	•	•
Hide Size		Average 4.8m ²	•	•	•	•	•	•

Bespoke Ordering & Sampling

As a flexible, fully vertical tannery, we are best placed to take care of any bespoke leather you may require.

We typically produce A4 samples within one working week, from your Pantone, RAL or NCS colour references allowing you to take our high performance quality leather and customise it for your specific requirements. Custom production follows your colour match approval.

Orders from our stock ranges placed before 2pm are despatched same day to the UK mainland for next day delivery.

Samples can be ordered online, via email or by contacting us at the tannery.

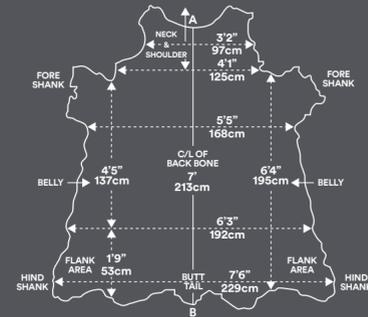
Muirhead Online

www.muirhead.co.uk offers online sampling as well as a range of other services, including a FAQ section, contact details for your nearest representative and a valuable insight into the markets we currently supply as well as general company information.

An individual shade card in any of the colours shown can also be ordered online, or by contacting the tannery direct.

Know Your Hide

As a natural product, every hide differs in shape and size – this diagram is for guidance only. Allow for a variation of 4.5 to 5.0 square metres / 48 to 54 square feet.



Care For Your Leather

Protect from:



Excessive Heat



Direct Sunlight



Sharp Objects



Vacuum Clean



Avoid Chemical polishes or soap



Polish with dry cloth

Cleaning:



Damp cloth for regular cleaning



Cloth and mild soap for more thorough treatment



Do not soak the leather

v1

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