

# Muirhead®



Fine Scottish Leather

# Grampian Product Specification

Part Number: GP

Description: Bovine Leather Hides  
Grampian Grade, Tay Grain

Revision: 1.0



## Grampian Product Characteristics

Our Grampian range is a high quality leather with a luxurious pebbled grain.

Description	Test method	Unit	Minimum
Colour fastness to rubbing (wet)	BS EN ISO 11640:2018	Grey scale (ISO 105 A02)	500 cycles Min 3 grey scale
Colour fastness to rubbing (perspiration)	BS EN ISO 16640:2018	Grey scale (ISO 105 A02)	100 cycles Min 4 grey scale
Colour fastness to Rubbing (dry)	BS EN ISO 11640:2018	Grey scale (ISO 105 A02)	1000 cycles Min 4 grey scale
Light fastness	BS EN ISO 105-B02:2014	Blue wool scale	Min 6
Finish adhesion (dry)	BS EN ISO 11644:2009	N/10mm	5
Finish adhesion (wet)	BS EN ISO 11644:2009	N/10mm	2
Burning behaviour	BS 5852:2006		Crib 5
	BS 5852:2006		IMO Module B certified
	ECE R118.03		Annex 6, 7, 8
Flexing endurance	BS EN ISO 5402-1:2017	Cycles	100,000
Tear strength	BS EN ISO 3377-2:2016	N	Min 35
Abrasion	BS EN ISO 17076-1:2012 (CS10/500g)	Cycles	1,000
Tensile	ISO 3376:2011	N/mm <sup>2</sup>	12
Elongation	ISO 3376:2011	%	35-60
Weight		gsm	750
Hide origin			UK and Ireland
Substance	BS EN ISO 2589:2016	mm	1.2 (+/-0.2mm)
Colour	Spectro-photometer	ΔE	<1.0

## Grampian Colours



Soft White GP118



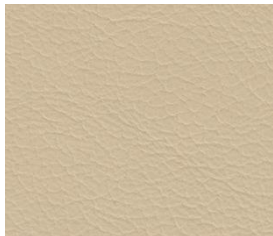
Lightstone Beige GP076



Cocoa GP099



Lip GP113



Manilla GP018



Biscuit GP077



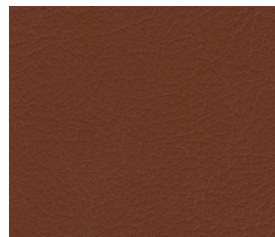
Rich GP110



Tulip GP171



Alpaca GP069



Auburn GP122



Peat GP130



Amethyst GP168



Maple GP010



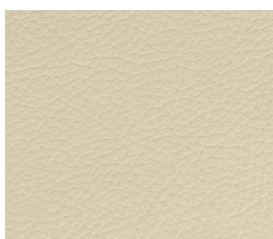
Beechwood GP127



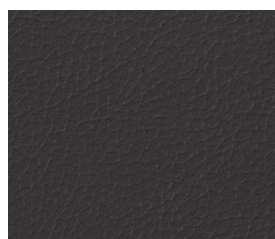
Burgundy GP121



Nightshade GP170



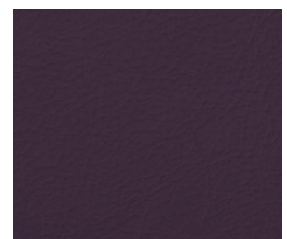
Birch GP119



Highland Bark GP129



Madeira GP038

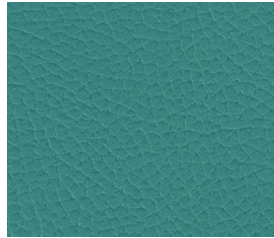


Totem GP111

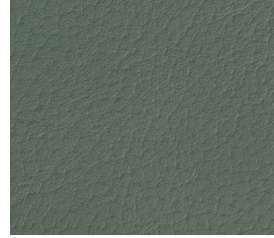
# Muirhead®



Imperial GP004



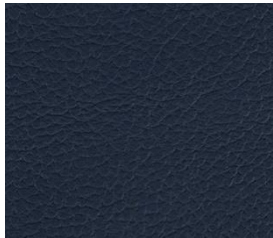
Teal GP169



Thyme GP175



Taupe GP100



Admiralty Blue GP068



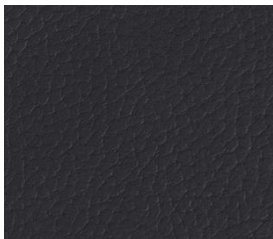
Celestial GP173



Racing yellow GP078



Doe GP041



Midnight GP031



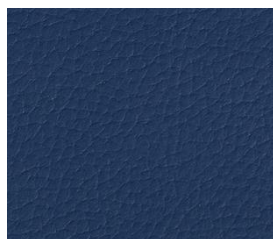
Cornflower GP174



Bergamot GP167



Explore GP064



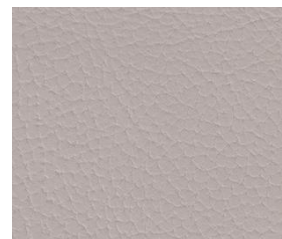
Egyptian Blue GP172



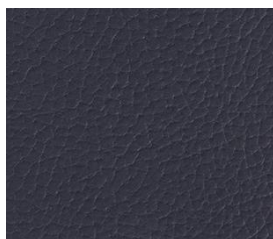
Angora GP166



Moss GP131



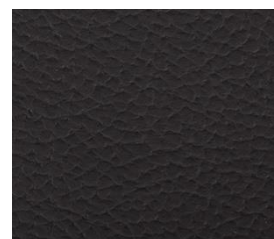
Lilac Moon GP165



Regal Blue GP126



Rosemary GP176



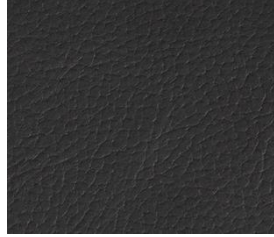
Buffalo GP037



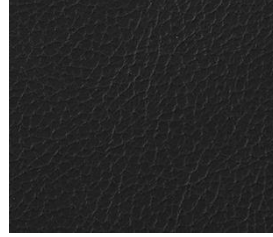
Niagara GP019



Pewter GP067



Charcoal Grey GPO042



Black GP001

**Disclaimer:** The colour of our digital swatches can vary depending on individual screen settings. Therefore, please always request physical samples before placing an order.