



Sierra

green hides®

Sierra



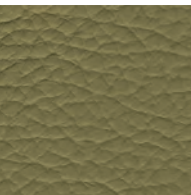
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WINTERGREEN



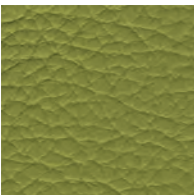
611  
MUSHROOM



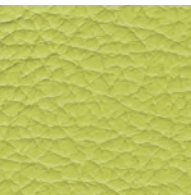
4460  
ASH



8371  
OLIVE



104  
GUACAMOLE



407  
CITRON



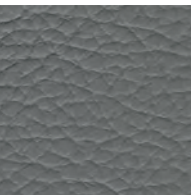
301  
FOREST



4458  
TAUPE



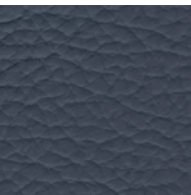
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EAGLE



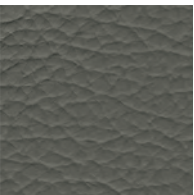
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SLATE



307  
OCEAN



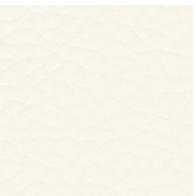
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BALTIC



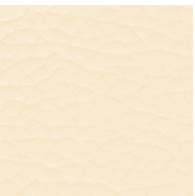
323  
THUNDER



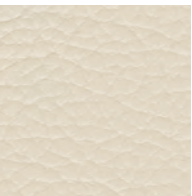
800  
WHITE



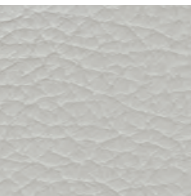
126  
ALABASTER



332  
VANILLA



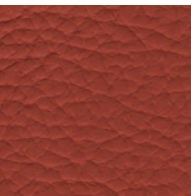
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PICCIONE



316  
MIST



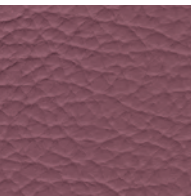
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CHABLIS



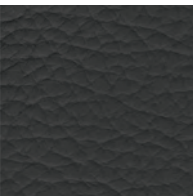
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ROUGE



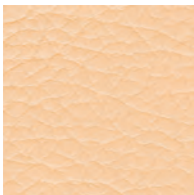
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CRIMSON



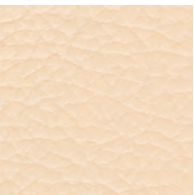
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VIOLET



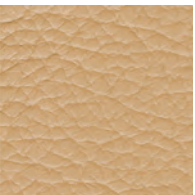
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BLACK



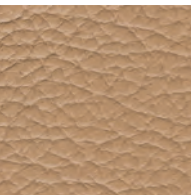
136  
BLUSH



129  
MAGNOLIA



196  
STRAW



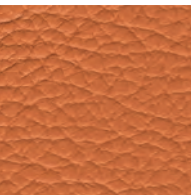
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PEBBLE



4492  
MUSCAT



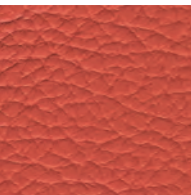
4450  
SADDLE



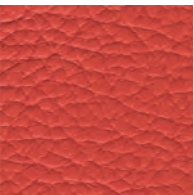
305  
HARVEST



100  
CANNELLA



387  
CAMPARI



304  
LIPSTICK



123  
PEACH



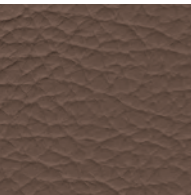
367  
SUNFLOWER



677  
CAMEL



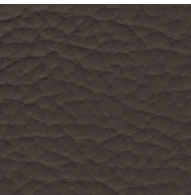
388  
GINGER



308  
MAHOGANY



4456  
VINO



358  
CAFE

## Sierra

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Top grain leather with even coloration throughout the entire hide. Superior selection of European cattle hides are hand selected for Sierra. A gentle buffing and grain enhancement is applied to provide Sierra with a consistent grain structure throughout each hide and from hide to hide. Sierra is recognized industry wide for its clean surfaces and excellent cutting yields. Soft hand combined with superior technical specifications make this leather suitable for most high traffic interior applications from furniture, automotive and marine.

REACH (EC 1907/2006) compliant production aims to improve the protection of human and environmental health. Processed using low emission mineral tanning formulas which are environmentally respectful, the hides are retanned in aged oak drums using vegetable agents, natural fat liquors, oils and dyes that ensure the leather is properly through dyed. Natural color variations may occur even within the same dye lot.

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**Applications:** Aviation\*, Contract, Hospitality, Residential, Marine\*\*

**Raw Material:** European Hides

**Hide Size:** Average 50 sqft

**Thickness:** 1.0 – 1.2 mm

**Crocking:** (ASTM D-5053) Dry: Class 4-5 Wet: Class 4

**Abrasion:** (ASTM D 3884) 2500 cycles (CS-10 wheels)

**Abrasion:** Wyzenbeek (ASTM D4157) 100,000 Rubs

**Flex:** (ASTM D-2097) 100,000 cycles

**Tear Strength:** (ASTM D-4075)  $\geq 50$  N

**Breaking Force:** (ASTM D-2208)  $\geq 600$  N

**Elongation at the Break:** (ASTM D-2211) 35–70%

**Water Repellency:** AATCC 22-2010: 93

**Lightfastness:** (AATCC 16, E, 72 hours) Class 4

**Flammability Resistance:** UFAC Class 1, CAL TB 117-2013, NFPA 260

**Soil/Stain Release:** AATCC 130-2015: Grade 5 represents best stain removal (immediate). Nail polish remover (5), Betadine (5), Bleach (5), Urine (5), Blood (5). Fluid Resistance: Red wine (5), Beer (5), Whiskey (4.5), Cola (5), Coffee (4.5), Red Bull (5) Mayonnaise (5), Olive Oil (5), Catsup (5), Vegetable oil (5), Chocolate (melted) (5), Lipstick (3.5), Lysol (5), Formula 409 (5), Windex (5). Test procedure modified to clean stains with 1 part household bleach/10 parts water solution.

**Bleach Cleanable:** BIFMA Health Care Furniture 8.1-2017 Section 7: Household bleach (sodium hypochlorite). CDC/EPA recommended ratios (1:10) parts bleach to water for the sanitizing and disinfecting of viruses and bacteria. Reference CDC/EPA and product specifications for approved dilution ratio and cleaning agent instructions for dwell time.

**Origin:** Italy

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\* May be treated to meet Federal Aviation Regulations for Flammability Resistance.

\*\* May be treated to meet Wheelmark IMO Resolution A.652(1b).

greenhides.com

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