





## España is a supple, enhanced grain leather.

España is a select chromium tanned, aniline dyed, enhanced grain upholstery leather. The select lower Alpine hides required to produce España are derived from northern Italy, southern Germany, and Switzerland. The special retannage of España adds to the enrichment of the leather and provides a smooth, tight grain and suppleness of hand which approximates our Sabrina, a favorite of clients seeking a multi-purpose, high performance leather. The recipes used to produce España are essentially the same as those used in the production of Sabrina.



Product	España (ES)				
Content	European cowhide				
Origin	Italy				
Hide Size	50–55 sq ft (4.6–5.1 sq m)				
Thickness	0.9–1.0 mm				
Weight	2.25–2.5 oz / sq ft (687–763 g / sq m)				
Grain	Enhanced				
Grain Texture	Smooth, tight				
Tannage	Chrome				
Dye	Aniline				
Finish	Medium				
Primary Uses	Upholstery, handrails, rugs, wall panels, architectural applications				
Industry	Automotive, contract, healthcare, hospitality, marine, residential				
Maintenance	Wipe with a cool, damp cloth. For tougher soiling, use a pH-balanced soap and rinse. Repeat, if needed Occasional use of Spinneybeck Finished Leather Cleaner, Conditioner & Protector is recommended. Other leather cleaners such as saddle soap or household cleaners that may contain harsh chemicals, alcohol or ink removers should never be used.				
Custom	Custom colors available				
Special Services	Flame treatment and perforated available with an upcharge				
Colorfastness to Light	Class 4				
Colorfastness to Crocking	Class 4–5 (dry), Class 4 (wet)				
Flammability	ASTM E 84: Class A (flame treated) Boston Fire Dept BFD IX-1: Pass (flame treated) BS EN1021 (Part I and Part II): Pass BS 5852 Crib 5 and Crib 7: Pass (flame treated) CAL 117: Pass CAL 133: Successfully used in CAL 133 applications with Firegard F187 fire backer material or equivalent (flame treated) Cigarette Ignition Resistance NFPA 260: Class 1 FAR 25.853(a) 60 sec vertical burn, 12 sec vertical burn. Oil burner-fire block: Pass IMO Resolution A.652 (16): Pass IMO Resolution A.653 (16) Part 2 and 5: Pass (flame treated) NF P 95 512 1986 (Electric Burner Test): Class M1 (flame treated)				
Durability + Strength	Abrasion ASTM D 7255: 1,000+ cycles (CS-10 wheels) Breaking Force ASTM D 2208: 150 lb Elongation ASTM D 2211: 30–50% at 50 lb Flex ASTM D 2097: 70,000 flexes Tearing Strength ASTM D 4705: 25 lb				



## **Standard Colors**

ES 8080	ES 8049	E\$ 8050	ES 8078	ES 8034	ES 8033	ES 8042	ES 8057
ES 8071	ES 8091	ES 8024	E\$ 8022	ES 8084	ES 8045	E\$ 8070	E\$ 8053
ES 8031	ES 8032	ES 8029	ES 8030	ES 8012	ES 8009	ES 8096	ES 8097
ES 8011	ES 8001	ES 8090	ES 8092	ES 8005	ES 8004	ES 8006	ES 8013
ES 8007	ES 8008	ES 8015	E\$ 8056	E\$ 8072	ES 8075		

