



Hand Tipped is in a class by itself.

This two-toned leather is clearly in a class by itself. Hand Tipped is crafted from a premium selection of full grain raw material and the pebble grain character is the result of a specific retannage and extended milling process. The premium, select raw material required to produce Hand Tipped originates from northern Italy, southern Germany, and Switzerland. The two-tone effect is achieved through the base dye coloration and treatment where the tip of the pebble grain is dyed with a dark overtone applied by hand. The surface of the leather is further enhanced with a light clear coat application followed with a specialized ironing process.

| Product | Hand Tipped (HT) |
|---------------------------|--|
| Content | European cowhide |
| Origin | Italy |
| Hide Size | 60-65 sq ft (5.6-6.0 sq m) |
| Thickness | 1.4–1.6 mm |
| Weight | 3.5-4.0 oz / sq ft (1068-1221 g / sq m) |
| Grain | Full |
| Grain Texture | Pronounced pebble |
| Tannage | Chrome |
| Dye | Aniline |
| Finish | Light |
| Primary Uses | Upholstery, handrails, rugs, wall panels, architectural applications |
| Industry | Automotive, aviation, contract, 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 not available |
| Special Services | Flame treatment, perforated, and embossed 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: n/a Breaking Force ASTM D 2208: 260 lb Elongation ASTM D 2211: 30–50% at 50 lb Flex ASTM D 2097: 70,000 flexes Tearing Strength ASTM D 4705: 40 lb |

Standard Colors

