



PERFORMANCE LEATHERS & TEXTILES

# RAIL LEATHER

Perrone Railway offers a broad range of genuine leathers to meet the needs to all rail applications from metro, to commuter and high-speed rail. Our railway product line meets or exceeds the highest standards for the railway industry for performance and durability including EN-45545-2 / HL-3, BS-6853 and DIN-5570.

## Product Offerings

- Skyline
- Elite
- Featherweight
- Duchess
- Monarch



## Care and Cleaning

For General Light Duty Cleaning of Elite, Skyline & Featherweight:

- Use Perrone's Deep Cleaner (#DC-332, #DC-232 or #DC-132) to remove soil build-up on leather dress covers. Spray liberal amount of product (approx. 1oz. per dress cover) onto a clean, genuine horsehair brush, gently agitating soiled areas, panel by panel. Remove any excess build-up of chemical and soiling with a clean, lint-free cloth such as a micro-fiber towel. Continue this process until the leather is dry to the touch.
- Dispense Perrone's Leather Conditioner (#CN-216 or #CN-116) (approx. 1oz. per dress cover) onto a clean, lint-free rag or cloth and wipe down covers, panel by panel. Lightly remove any excess build-up of chemical on dress cover. Allow to air dry.

For General Light Duty Cleaning of Monarch & Duchess:

- Use Perrone's Cleaner with Conditioner (#CC-332, #CC-232 or #CC-132) to remove soil build-up on leather dress covers. Spray liberal amount of product (approx. 2oz. per seat) onto a clean, genuine horsehair brush, gently agitating soiled areas, panel by panel. Remove any excess build-up of chemical and soiling with a clean, lint-free cloth such as a micro-fiber towel. Continue this process until the leather is dry to the touch.
- Dispense Perrone's Leather Conditioner (#CC-116 or #CC-216) (approx. 2oz. per seat) onto a clean, lint-free rag or cloth and wipe down covers, panel by panel. Lightly remove any excess build-up of chemical on dress cover. Allow to air dry.

## Rail Leather Technical Specifications

<b>Hide Size</b>	38-52 Sq. Ft. Average 3.78-4.83 Sq. Meter Average
<b>Thickness</b>	.8-1.4 mm BS EN ISO 2589:2016
<b>Weight</b>	2.00-3.50 oz. sq. ft. 610-1067 gm sq. meter
<b>Blocking</b>	Federal Test Method STD. No. 3121.1 No damage to finish
<b>Abrasion</b>	ASTM D-3884 BS EN ISO 5470-1:2016 (500 cycles, 500 g H-18 wheels) No wear through to russet
<b>Crocking</b>	ASTM D-5053 (50 cycles wet & dry) 4 or better on the AATCC grey scale for color change
<b>Colorfastness</b>	72 hour exposure to UV light 4 or better on the AATCC grey scale for color change
<b>Flammability</b>	Meets all requirements of EN 45545-2 HL3 Meets all requirements of a 12 second vertical burn in accordance with FAR 25.853
<b>Tear Strength</b>	ASTM D-4705 BS EN ISO 3376:2011 Minimum of 12 lbs. (5.44 kg, 53.35 N)
<b>Flexibility</b>	BS EN ISO 5402-1:2017 ASTM D-2097 (60,000 cycles) No cracking of finish
<b>Seat Cushion Ingress/ Egress</b>	ST-0053 ST-0498 v 1.7 150,000 cycles
<b>Color Match</b>	Spectrophotometer measurement of DE CMC $\leq$ .50 is our target



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