

Perrone

Perrone Performance Leathers and Textiles

Perrone Performance Leathers and Textiles is a leader worldwide specialising in high-performance, sustainable leathers and textiles for the transportation industry.

Perrone manufactures a full range of genuine leathers suitable both to high-traffic applications as well as for the most bespoke passenger environments. Perrone's focus has been on weight reduction and the development of sustainable, lightweight leathers and synthetics that meet the stringent regulatory demands of the transportation market.

Perrone offers three genuine leather options for rail clients: Featherweight, Elite and Skyline. Featherweight offers a 25–35% reduction in weight versus standard leathers and is made from a raw state to maintain durability. Elite features a minimally corrected surface, and a finish which provides enhanced performance plus a soft supple hand similar to the finest grain leathers. Skyline provides enhanced performance and is designed for price-sensitive applications.

Perrone's flagship synthetic leather product for rail is Ecolite™. Ecolite™ is a polyurethane-coated synthetic developed by Perrone exclusively for the rail industry. Ecolite™ weighs 330g/sm, a weight savings of 30–60% compared to traditional leather. Compared to fabric, the closed-cell surface coating of Ecolite™ ensures an inherently stain and graffiti-resistant surface that is also antimicrobial. Ecolite™ is easy to maintain with periodic soap and water cleaning, eliminating the need for environmentally damaging dry-cleaning and treatment chemicals. Rail seats dressed in Ecolite™ can also be cleaned without any need for removal. This removes costs and carbon emissions from transport.

Traditionally, fabric has been the preferred choice for rolling stock upholstery due to a limited number of customisation options for leather and synthetics. "Our

new printing capabilities are closing this gap, giving the rail market a unique design option for their seating," explains Perrone.

An additional textile innovation offered by Perrone is Monulite™, a state-of-the-art, non-woven-backed polyurethane coated material. Monulite™ was specifically developed for headliner and side wall surface applications, meeting all certification requirements. Monulite™ can be produced in any colour, a wide variety of finishes or with gaufrage embossing. Monulite™ co-ordinates well with other materials due to its leather-like appearance. This significant and innovative Perrone textile offers superior noise abatement characteristics and offers a complete range of customisation choices, including custom printing.

Perrone's innovative rail textile products meet or exceed the highest standards for required performance and durability specifications including BS EN 45545-2:2013+A1:2015: Annex C – R21 – HL1, HL2, & HL3, Boeing Test Method BSS 7239 Rev-A, and NFPA 130 Standards for Seat Upholstery.

"We are very excited," explains Perrone. *"Our new portfolio of options elevates our product offerings to a completely new level not available elsewhere. Our customers are sending us fabric swatches and asking us to match their existing patterns. It is incredible to see the huge development of this truly unique innovation."*

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PERRONE™
 PERFORMANCE LEATHERS & TEXTILES

Monulite™

interior surface covering

Monulite™ is a state-of-the-art, non-woven backed polyurethane coated material designed specifically to meet the certification requirements for headliner and side wall surface applications. Monulite™ is made to order and can be produced in any custom color with a wide variety of custom finishes, including decorative gaufrage embossings.

In addition to its leather like appearance, the proprietary composition of Monulite™ yields superior noise reduction characteristics, contributing to a more pleasant in-cabin experience.

Ecolite™

synthetic seating upholstery

Ecolite™ is an antimicrobial polyurethane coated fabric, featuring the look and feel of genuine leather at a fraction of the weight. At only 330g/m², Ecolite™ boasts a weight savings of 30-60% versus traditional leather. Its closed cell surface coating makes Ecolite™ graffiti and stain resistant, in addition to providing an inherently antimicrobial solution.

Perrone is performance.
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