

TEC Leather's outstanding performance during the 700-day inflight trial

TEC-Leather inflight trial fact sheet



Real word testing

Development partnership

Lantal Textiles has a standing partnership to evaluate the performance of new products with a European-based carrier. After having undergone rigorous testing at Lantal, the new products are installed in an aircraft for an inflight trial to further evaluate the performance of those new products. This gives Lantal the reassurance that the products perform even under heavy use real life conditions. The latest product tested in this manner was Lantal's new TEC-Leather.

TEC-leather benefits

TEC-Leather is an ingenious alternative to artificial leather, composition leather and even leather and offers great benefits for the passenger's well-being. With its soft touch and peach skin effect it offers up a new sensorial experience.

TEC-Leather also offers an unmatched ease of cleaning. Most stains can be cleaned just with a dry cloth. In addition, it also has a high resistance to stains and dirt, therefore reducing the overall need for cleaning.

Scope of the trial

TEC-Leather was installed on July 14th 2017 in an aircraft, a total of 12 seats were refitted with Lantal's new TEC-Leather, including antimacassars and literature pockets.

After almost two years in operation, the inflight trial concluded on June 12th, 2019.

The aircraft was flying short haul with approximately 5-6 cycles a day, a total of 2'676 flights with a combined duration of 2'851 flight hours. Due to the very high workload of the plane, the inflight conditions can be classified as a worst case study.

Inflight results

Installation

TEC-Leather is easy to install, after a short learning curve, seats with TEC-Leather are installed faster than current seats with genuine leather.

Results after 2 years

After two years in use, the cabin interior still looks almost as new. The seat is completely clean, no stains or other soiling is visible, also no sagging, the seats retained their original shape. The same can be said about the appearance of the literature pocket and antimacassar.

Overall, the inflight trial was a great success.

Hanspeter Baumgartner
Director
Development

"With the new TEC Leather, we set a new standard for artificial leather in the transportation market. The product has outstanding cleaning characteristics, can be used without fireblocker and has an excellent appearance on every seat."