

Aircraft *interiors* INTERNATIONAL



In this issue

BEHAVIOURAL DESIGN
How implementing behavioural aspects into cabin design can help airlines improve their profits, as well as their passenger experiences

THE DISNEY DIFFERENCE

The Disney Institute shares secrets of how to add a little more magic into the customer experience, and how best to achieve passenger personalisation

SEATING REVIEW

Your guide to all the latest seat launches and concepts, as well as the newest accessories and technologies that can enhance comfort

JUNE 2019



Safety SQUEEZE?

ARE POLITICIANS AND THE PUBLIC JUSTIFIED IN THEIR SAFETY CONCERNS AROUND SHRINKING SEAT PITCHES, OUTDATED REGULATIONS AND CHANGING PASSENGER SIZES?

LONSEAL®

AIRCRAFT FLOORING

STRENGTH • PERFORMANCE • TRUST



LONVIRGA



LONMISTRAL



LONCONTRAIL



CIRRUS COLLECTION

Meet the **CIRRUS COLLECTION**. From the intricate grain details to the unique characteristics of real woods, Lonseal brings you flooring that is luxurious in style and delivers high performance and quality. The Cirrus Collection provides timeless beauty of wood that enhances the aesthetic environment in an air cabin space.

The Cirrus Collection is part of Lonseal's Aircraft Flooring Weight Reduction Program. Lonseal® has made their featherweight technology applicable to all existing aircraft flooring, making Lonseal a leader in aviation flooring.

- Featherweight technology that makes it more than 30% lighter than standard flooring products
- Three layer construction with a non-porous surface, excellent high-traction and dimensional stability
- Exclusive to Lonseal, **GreenMedic®** anti-microbial formulation that increases infection control and **GreenAir®** a feature that provides low VOC for better air cabin quality
- **REACH** compliant formulation and meets FAR 25.853a and FAR 25.793

Visit www.LONSEAL.com to see the wide range of aircraft flooring designs and colors.
International: 1+310.830.7111 Toll Free: 800.832.7111

GO WITH THE GRAIN

Just because it's wood, that doesn't make it a perfect fit. Lonseal goes beyond traditional wood elements and studies human needs to achieve perfect wood designs

Whether it's a private jet or a large passenger aircraft, there is an alchemy of science and art that must balance aesthetics, comfort and function when it comes to interior design. In the earlier days of passenger aircraft, it was common design practice to have all interiors look alike to create consistency and trust.

A lot has changed since the world's first commercial airline took off in 1914. Today aircraft interiors are being designed more like modern luxury hotels or homes. Wood design is gaining the attention of many aircraft owners because of its dual purpose: it can make an interior cabin space feel more luxurious and it can also provide a calming effect; however, weight is a major factor when designing aircraft interiors, so real wood is not an option. Lonseal sheet vinyl flooring is considered by some to be the best option for wood-look flooring in aircraft cabins.

Lonseal designs its flooring range based on studies of human psychological needs. Travel can raise anxiety for many passengers, so Lonseal has specific designs that provide a calming effect in large commercial aircraft. At the other end of the spectrum, private jet owners may want a cabin space that reflects the purpose of their aircraft, whether as an extension of their home/office or to provide trendy transportation for clients. Lonseal aircraft flooring has wood-looks that cater to both the excitement and the well-being of passengers.

Lonseal designs and manufactures sheet vinyl flooring for a wide range of aircraft. The Cirrus Collection offers a variety of realistic wood-looks, from intricate grain details to the unique characteristics of real wood, to replicate its timeless beauty.



The Cirrus Collection consists of three options. Lonvirga is a

classic, rich, wood-grain look that adds an intriguing design touch to aircraft interior spaces, particularly lavatories and private cabins. Lonmistrail is a linear pattern that is visually lively, yet still brings a touch of class and warmth to an otherwise sterile interior. Finally, Loncontrail resembles a natural striated wood-look, with a continuous brushstroke that soothes an environment that may otherwise be filled with anxiety and stress.

Lonseal products also meet REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) criteria, the European Union regulation that addresses the production and use of chemical substances. The aircraft flooring range also meets FAA requirements FAR 25.853a (12-second vertical flammability test) and FAR 25.793 (factor of sliding friction). All product lines in the aircraft collections come with GreenMedic and GreenAir, which are both exclusive to Lonseal. GreenMedic is an antimicrobial

LONMISTRAL, PART OF LONSEAL'S CIRRUS COLLECTION, IS AVAILABLE IN DIFFERENT SHADES

formulation that improves infection control, while GreenAir provides low VOC for improved cabin air quality.

Lonseal has supplied the aviation industry for over 30 years. The company has a wide range of commercial flooring products, many of which it has modified to meet all applicable aviation safety and performance requirements. Lonseal became an aviation industry leader because of the Featherweight feature in its aircraft flooring products, which makes them up to 30% lighter than standard NTF (non-textile flooring) products. In addition to the lightweight material, the high strength-to-weight ratio of the products is often specified by many aircraft designers and airplane manufacturers. ✕

Visit Lonseal at Aircraft Interiors Expo Los Angeles on 10-12 September, booth 2407

FREE READER ENQUIRY SERVICE

To request more details from Lonseal, visit www.magupdate.co.uk/paii