

# Aircraft *interiors* INTERNATIONAL

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### BUILDING CONFIDENCE

How passenger trust, confidence and traffic can be boosted through factors including cabin engineering, brand expertise and psychology

### A WEALTH OF OPPORTUNITIES

Experts from across the cabin design, passenger experience and supplier networks predict the positive changes and opportunities that will emerge from the Covid-19 crisis

### COMFORT & SAFETY

The industry's response to the pandemic has been rapid and impressive, yielding comfort and hygiene advances that will help ensure safe travel



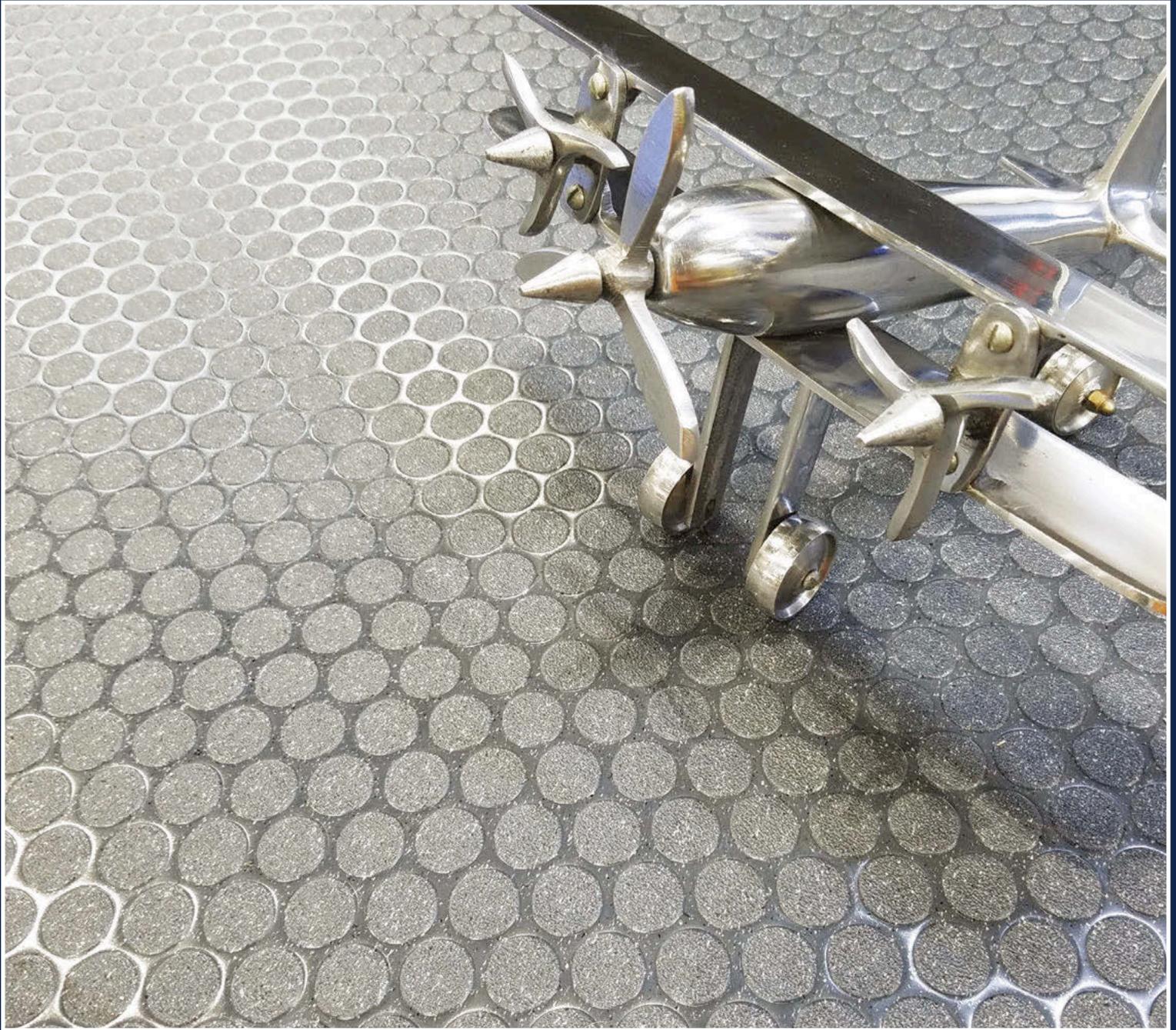
# *Nurturing* GROWTH

THE ESSENTIAL INSIGHTS, DESIGNS, TECHNOLOGIES AND INNOVATIONS THAT  
WILL RESTORE PASSENGER CONFIDENCE AND HELP AVIATION ON ITS ROUTE TO RECOVERY

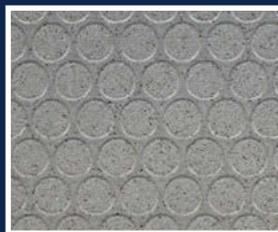
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# LONSEAL<sup>®</sup>

AIRCRAFT FLOORING



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# SUSTAINABLE LEATHER TANNING

Wollsdorf has developed a new sustainable tanning method to make leather an even more sustainable option

Real leather products are synonymous with durability, sustainability and natural quality. Bovine raw hides are a by-product of the meat and dairy industries, and if these hides were not processed by tanneries, they would be discarded, putting additional strain on the environment. The leather tanning industry harvests, refines and transforms these hides into sustainable, valuable products, making leather production a perfect example of upcycling.

Leather production is subject to strict environmental restrictions. Tremendous advancements are being made with regards to R&D, and therefore modern, responsible tanneries like Wollsdorf Leather are very environmentally friendly. Wollsdorf Leather applies its high standards to all its sites worldwide.



Tanning has evolved over the years and become more and more sustainable. The latest evolution is BrighTan, Wollsdorf's innovative tanning process.

Bright tanning represents the state-of-the-art in tanning and combines the functionality of modern leathers with ecological values. The tanning agent used is based on natural raw materials and the process is completely free of heavy metals, chrome and glutaraldehyde. Another benefit of Wollsdorf's production

process is that it uses minimal amounts of water and energy, which makes its natural leather products even more sustainable. There is also good news for design departments: the BrighTan process can create nearly white leather, as well as bright and intense colours.

Wollsdorf Leather has been producing bovine leather for aviation for more than 30 years. The BrighTan process can be used for all its aviation leather products, whether lightweight or standard ranges, and its finishing systems incorporate the Evo+ anti-bacterial treatment. Wollsdorf offers warranties of up to eight years. ❖

## FREE READER ENQUIRY SERVICE

To request more details from Wollsdorf Leather, visit [www.magupdate.co.uk/paii](http://www.magupdate.co.uk/paii)

# WOOD-LOOK FLOORING

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

A lot has changed since the world's first commercial airline took off in 1914. Wood design is gaining the attention of many aircraft owners because of its dual purpose: it can make an aircraft interior 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 and manufactures sheet vinyl flooring for a range of aircraft. The Cirrus Collection offers realistic wood-looks, from intricate grain details to the unique characteristics of real wood, replicating its timeless beauty.

The Cirrus Collection has three options. Lonvirga is a classic wood-grain look that adds a design touch, particularly to lavatories and private cabins.

Lonmistrail is a linear pattern that is visually lively, yet brings a touch of class and warmth to an otherwise sterile interior. Finally, Loncontrail resembles a natural striated wood-look, with a continuous brushstroke.

Lonseal products meet REACH criteria, and the flooring range also meets FAA requirements. All products in the aircraft collections come with GreenMedic and GreenAir. GreenMedic is an antimicrobial



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

Lonseal became an aviation industry leader because of the Featherweight feature in its flooring products, which makes them up to 30% lighter than standard NTF (non-textile flooring) products, with a high strength-to-weight ratio. ❖

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

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