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Lantal

Lantal Textiles Innovations 2021 – “Innovation Is What Keeps Us Going”

1. Antiviral Solution for Fabrics

With passenger wellbeing always in our minds, we have been developing new and innovative products for our customers over the past few months.

Since the start of the pandemic, passengers and operators have been requesting solutions to minimise the spread of SARS CoV-2. This demand became even more acute as we all are slowly starting to return to our normal lives and more and more people are regaining confidence in using public transportation.

Since 2018 Lantal has been offering anti-stain and antibacterial solutions, making them available for all markets. Now, with a new demand, comes a new solution.

We have now added an antiviral finishing based on textile facemask technology, which is designed to kill off bacteria and viruses on textile surfaces. With this new and certified technology (ISO 18184) we achieved an impressive 97.4% efficiency against the virus.

Not satisfied with these results we have managed to combine all three of our solutions into one, making it 98.8% efficient against SARS CoV-2 and also 100% vs. bacteria.

For more information about these finishes, please contact us at salesground@lantal.com.

2. Recycled and Sustainable Carpets / How Can Old Fishing Nets Be Used Inside a Modern Train? Lantal Tells You How

The Lantal brand stands for high-



quality products and services for transportation interiors. We recognise possible future factors today and integrate them in ongoing business activities. Being sustainable is a part of Lantal's culture – and therefore part of production, products and services. Over the past years we have been developing highly innovative products aimed to reduce CO2 emissions and to support our customers in reducing their environmental footprint.

The incorporation of polyamide Econyl® yarn in the production of our polyamide carpets was a way to provide more sustainable solutions to our portfolio. The use of polyamide filament yarns reduces the weight of the carpet without impairing abrasion resistance and service lifetime. Polyamide Econyl® yarn is made from 100% recycled resources including fishing nets, yarn discards and fabrics. The use of Econyl® reduces the consumption of oil, water and energy during the production of the fibres.

Our Polyamide Econyl® carpets are available in the following pile structures – loop, loop printed, velours, velours printed.

For more information about this product, please contact us at salesground@lantal.com.

3. Printed Carpets 2.0

In 2018 Lantal presented a special printing process that made it possible to directly apply signature motifs, patterns and high-definition designs to rail vehicle carpets. With these possibilities, customers could implement their creative ideas and design a highly customised product for a train interior that reflects their brand.

Now, three years later, Lantal presents its self-adhesive and ready-to-install printed carpet technology. This new product is more cost and time-effective, taking up to 80% less time for installation, while the protective film allows for optimised positioning of the carpet therefore

simplifying laying operations. Carpets with Lantal self-adhesive coating are easy to remove without leaving traces on the floor. The removal process requires only a minimal cleaning of the panel surfaces and does not expose workers to noxious fumes.

The compelling advantage of this technology is very short sampling and production times; the premium carpets are also available in small minimum order quantities.

The printed polyamide carpets come in three different qualities: a hard-wearing loop carpet, a velours carpet with a velvety look, and a velours carpet with noble optics and high footfall comfort. They share high abrasion resistance, a very long service life, and the use of regenerated polyamide in the production process.

For more information regarding this product, contact us at salesground@lantal.com.

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