

Safe and secure refrigerated transport of COVID-19 vaccines thanks to GRP surfaces

Extremely safe face sheets for vaccine transport

In order to transport the long-awaited COVID-19 vaccines in a safe, hygienic and refrigerated manner from production to the vaccination centres and store them properly there, special transport vehicles and containers are required. Impacts, impurities and, above all, temperature fluctuations must be avoided. Face sheets made of glass fibre-reinforced plastics (GRP) are assisting with this.

The construction material LAMILUX X-treme GRP is used, among other things, as a face sheet for the internal and external walls of vaccine transport containers. This results in a surface that is extremely robust, even at temperatures of minus 80°C, easy to clean, corrosion-free and very light.

An additional option is the AntiBac function, which can be applied optionally to the glass fibre-reinforced plastic. Integrated nano-silver particles disinfect the surface, whereby multi-resistant germs die within just a few hours. The re-formation of critical germs is prevented.

Additional areas of application for LAMILUX X-treme AntiBac

This innovative composite material is already being used as a structural face sheet for refrigerated truck bodies, refrigerated warehouses and processing facilities in the food sector as well as in operating theatres in hospitals. This can reduce downtime throughout the food and cold chain.

www.lamilux.com

About LAMILUX Composites GmbH

Contact for media enquiries:

LAMILUX Composites GmbH
Sabrina Fröhlich
Media and Public Relations
Zehstrasse 2
95111 Rehau, Germany

Telephone: +49 (0)9283/595-2783
Fax: +49 (0)9283/595-290
e-mail: sabrina.froehlich@lamilux.de

P R E S S R E L E A S E

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LAMILUX Composites GmbH has been producing fibre-reinforced polymers for around 70 years. The medium-sized company is the leading European producer thanks to its technologically advanced continuous production process, large manufacturing capacities and wide product range. **LAMILUX** supplies customers around the globe in a wide range of sectors, such as the building industry, the automotive and recreational vehicle sectors, refrigerated store room and cell construction, and many other industrial sectors. In 2019, LAMILUX and its some 1,200 employees achieved a turnover of 305 million euros. The family-managed company is based in Rehau, Bavaria.

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