



Tomorrow's high-tech materials to use today

LAMILUX is the expert for fibre-reinforced plastics (GRP) and provides innovations for the caravanning industry. GRP exploit their considerable, pioneering potential in a large number of industrial applications and thanks to their versatile qualities increasingly replace conventional materials such as steel or aluminium. LAMILUX's GRP are primarily used as lightweight construction for the inner and outer face sheets for floor and side walls on caravans and motorhomes

Words Peter Hirtschulz

LAMILUX is a German family enterprise which has been manufacturing fibre-reinforced plastics since the middle of the last century. The fourth-generation company focuses on inspiring customers with innovative, perfected products and creative solutions, thus helping their customers to achieve their own success. At the begin-

ning of 2019, Managing Directors Dr. Heinrich Strunz and Dr. Dorothee Strunz were joined on the management board by two of their three children, Johanna Strunz and Alexander Strunz.

Thanks to its technologically advanced, continuous production process, large manufacturing capacities and wide product range,

this medium-sized company is the leading European producer and one of the global market leaders in the industry. 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 sectors, as well as many others.

Professional materials for robust recreational vehicles

Mobile homes travel from place to place and are exposed to a wide range of environmental influences. LAMILUX Composites are used as multifunctional materials in many areas of caravan and motorhome construction. These professional materials make motorhomes and caravans more durable.

The strongest outer shell thanks to GRP innovations

The complete outer shell of motorhomes can benefit from glass fibre-reinforced plastics. From the outer shell of the roof to the side walls, LAMILUX Composites offers a tailor-made product solution for all require-

The LAMILUX management



Certified quality assurance TÜV-tested composites

LAMILUX commissioned TÜV Süd to appraise and inspect most of its laboratory and testing facilities to ensure consistently high, flawless quality. At the end of the detailed, comprehensive certification process, the TÜV specialists had assessed seventeen analysis, measurement and test methods with regard to their usefulness and validity for quality assurance and product development. This allows LAMILUX to reliably assure the quality of its end products based on a wide range of tests. The German specialist in fibre-reinforced composites analyses its products by means of mechanical, chemical and climatic tests in state-of-the-art laboratories.



ments. Low surface weight with high stability, excellent lightweight construction potential, UV- and weathering stability as well as resistance to hail, for example, is provided by LAMILUX X-treme. The advantages of this material create the optimum hail-proof roof. On the other hand, LAMILUX HG 4000 is perfect for the outer premium side wall. This classic product combines the advantages of glass fibre-reinforced plastics with the look of aluminium. LAMILUX HG 4000 features a smooth, glossy surface with a high-grade appearance and the option of a metallic brilliant outer surface. In addition, the surface sealing with a gelcoat layer ensures excellent UV and weathering stability.

Functionality meets aesthetics

The interior of motorhomes also benefits from LAMILUX Composites because the products from the GRP specialist are very light so unnecessary weight can be saved to make the vehicles more efficient. Their decorative design possibilities mean that LAMILUX Composites can also become interior design surfaces. LAMILUX LAMIfoamtex offers design possibilities and its three-dimensional structure improves interior acoustics. The high-quality decors on the visible side of LAMILUX also facilitate individual interior designs. In addition, the product is extremely resistant to frontal impacts, is easy to clean and more resistant to moisture than plywood, thus preventing mould formation. LAMILUX Composites not only offer individual solutions for interiors and side walls, but also a suitable product for the floor of a caravan or motorhome: Composites Floor, the highly resilient construction material with an attractive and abrasion-resistant PVC layer. For flooring in the cargo space or as a ramp installation, LAMILUX Anti Slip is the perfect choice. The glass fibre-reinforced laminate combines the good mechanical qualities and resistance of glass fibre-reinforced plastics with an effective and abrasion-resistant non-slip coating. Another design-oriented solution for the rear external storage locker is LAMILUX Anti Slip Style. The underfloor material LAMILUX Woven Roving provides additional strength to the floor. The balanced glass content of the glass fibre-reinforced polyester laminate increases the mechanical strength and results in a lower coefficient of longitudinal extension.

Flexibility and stability: the strongest connection for a secure partner

LAMILUX has supplied its glass-fibre reinforced plastics to all well-known caravan manufacturers worldwide for many years. LAMILUX Composites focuses on flexibility and stability at the same time - both in materials and in its co-operation with customers and partners. The company now produces these materials on a number of separate flat sheet production lines, thus ensuring consistent high quality and fast, on-time delivery. This delivers a highly extensive product range and widespread technical availability.

Global service and rapid distribution

With local contacts available at all times and rapid international distribution, LAMILUX is the industry leader in supply reliability. This is due to its long-standing experience in the worldwide shipping of goods and the logistical know-how of the customer-oriented sales team at LAMILUX Composites. In addition, the large production capacities of the five flat sheet production lines ensure extremely timely material production. Strategically distributed branches in numerous countries worldwide ensure that LAMILUX Composites professionals are always available to customers in their respective time zones.

Intensive technical support

In addition, the service at LAMILUX is augmented and complemented by an intensive transfer of engineering know-how on site, support in the further processing of fibre-reinforced plastics and collaborative development of new material solutions as well as advice on all application-specific issues. More details can be found on www.lamilux.com

In partnership with



Contacts



Company Profile

LAMILUX Composites GmbH has been producing fibre-reinforced plastics 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.

