



TÜV SÜD certified quality

# LAMILUX X-treme

INNOVATIVE FIBREGLASS SOLUTIONS

## PRODUCT DESCRIPTION

With its X-treme range, LAMILUX is pushing the boundaries of technology and exploiting the full performance potential of fibre-reinforced composites. The strength and rigidity values are many times higher than those of normal composites.

This makes it possible to reduce the amount of material used, to cut excess weight, and to integrate useful functions – such as extreme impact resistance or the lowest possible thermal expansion.

With a maximum proportion of reinforcement fibres of 50% v/v, and an extremely tough and resilient epoxy resin matrix system, LAMILUX X-treme is the highest performing composite material in the sector.

## VERSIONS



LAMILUX  
High Strength X-treme

LAMILUX  
High Strength X-treme  
Gelcoat

LAMILUX  
High Strength X-treme  
Gelcoat **AntiBac**



LAMILUX  
Woven Roving X-treme

LAMILUX  
Woven Roving X-treme  
Gelcoat

LAMILUX  
Woven Roving X-treme  
Gelcoat **AntiBac**

## LAMILUX X-TREME IS AVAILABLE

- in thicknesses between 0.5 and 2.5 mm
- in widths up to 3.0 m, depending on the product version
- with woven fabric reinforcement or with uni, bi and multi-axial NCF reinforcement
- in sheets or coils
- in a range of colours: RAL, NCS scale and customer-specific colours
- with gelcoat surface for maximum resistance to UV rays and weathering
- gelcoat surface also available with antibacterial effect
- other thicknesses and dimensions available on request
- with different treatments on the back surface (sanded or soft sanded), on request

## SPECIFIC PRODUCT ADVANTAGES

- good potential for lightweight construction
- highest tensile strength and rigidity of all glass-fibre-reinforced composites
- good heat resistance
- low thermal expansion
- exceptionally high impact resistance and damage tolerance
- a tensile strength of up to 900 Mpa

## SECTORS

- Caravan sector
- Commercial vehicle sector
- Sports sector
- Building sector
- Medical and hygiene sector



BUS SECTOR – SIDEWALL



CARAVAN SECTOR – ROOF

The information in this brochure is based on our current knowledge and experience. It is not a guarantee of technical characteristic features in the scope of specifications. Due to the wide range of usage parameters, users themselves are responsible for testing that the product is suitable for their required use. Changes and errors excepted.