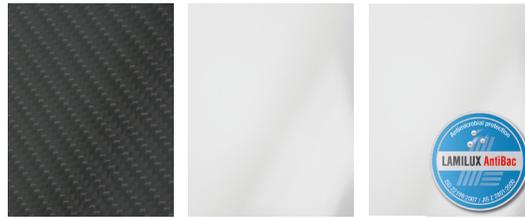# LAMILUX X-treme Carbon

INNOVATIVE FIBREGLASS SOLUTIONS

PRODUCT DESCRIPTION

With its X-treme Carbon 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. The amount of material required can therefore be significantly reduced, in many cases, resulting in a corresponding reduction in weight.

This is made possible by combining high-strength, rigid, lightweight carbon fibres with an extremely resilient epoxy resin matrix.

TÜV SÜD certified quality

Customized
Intelligence
Serving the customer is our first priority

VERSIONS

LAMILUX
X-treme Carbon

LAMILUX
X-treme Carbon
Gelcoat

LAMILUX
X-treme Carbon
AntiBac

LAMILUX High
Strength X-treme
Carbon

LAMILUX High
Strength X-treme
Carbon Gelcoat

LAMILUX High
Strength X-treme
Carbon AntiBac

LAMILUX X-TREME CARBON IS AVAILABLE

- in thicknesses between 0.6 and 2.4 mm
- in widths up to 2.5 m, depending on the product version
- with woven fabric reinforcement or with uni, bi and multi-axial NCF reinforcement
- in sheets or coils
- with a matt surface
- 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

SPECIFIC PRODUCT ADVANTAGES

- maximum potential for lightweight construction
- highest tensile strength and rigidity of all fibre-reinforced composites
- good heat resistance
- very low thermal expansion
- option of impressive carbon-fibre finish
- a tensile strength of up to 1.300 Mpa

SECTORS

- Caravan sector
- Commercial vehicle sector
- Sports sector

COMMERCIAL VEHICLE SECTOR – SIDEWALL

SPORTS SECTOR