



# LAMILUX Woven Fabric X-treme

*- Innovative fiberglass solutions*





# product description and application

**Description** LAMILUX Woven Fabric X-treme is a fiberglass product based on a new resin system and excellent glass content. It represents a newly developed material to achieve very high tensile and flexural moduli and strengths. Products with gelcoat exhibit a very smooth surface with low fiber printhrough.



Very high tensile and flexural strength



Commercial vehicle construction

## LAMILUX Woven Fabric X-treme is available

- In thicknesses of 1.0 mm up to 2.0 mm
- In sheets or coils
- With or without gelcoat
- With smooth, corona treated or presanded back side
- With or without tack film
- Other thicknesses, dimensions and colors on request

## Specific advantages

- High tensile and flexural strength
- High HDT

## Application

- Construction panels
- Truck-flooring

## Technical Values for LAMILUX Woven Fabric X-treme

Technical dates and mechanical properties LAMILUX X-treme	Test method	Woven fabric	Woven fabric
		Chopped stand mat With Gelcoat	Chopped stand mat Without Gelcoat
Thickness	Internal	1.7 mm	1.3 mm
Weight	Internal	2200 g/m <sup>2</sup>	2100 g/m <sup>2</sup>
Glass content	Internal	20 %	42 %
Flexural strength	DIN EN ISO 14125	145 N/mm <sup>2</sup>	220 N/mm <sup>2</sup>
Flexural modulus	DIN EN ISO 14125	5400 N/mm <sup>2</sup>	8400 N/mm <sup>2</sup>
Tensile strength	DIN EN ISO 527-4/2/2	100 N/mm <sup>2</sup>	280 N/mm <sup>2</sup>
Tensile modulus	DIN EN ISO 527-4/2/2	6500 N/mm <sup>2</sup>	

These values are only valid for the product quality and thickness written in the table. The information submitted in this data sheet is based on our current knowledge and experience, no responsibility is taken for the correctness of the details provided. These data do not relieve processors from the responsibility of carrying out their own tests. This is not a specification. Further detailed information are available on request.