



LAMILUX LAMILite

- Innovative fiberglass solutions





Product description and application

Product description:

LAMILUX LAMIIite is a fiberglass reinforced composite material based on a polyester resin. This product was especially developed for the caravan industry to be able to produce a stiff product with low specific weight. The light weight construction of LAMIIite compensates the thickness of the product. In this way the GRP-plywood construction can be replaced with LAMILUX LAMIIite. This quality offers a high gloss surface and excellent UV- and weathering resistance.



Side wall element with LAMILUX LAMIIite



Side wall element with LAMILUX LAMIIite

LAMILUX LAMIIite is available

- in thicknesses of 3.0 mm and 3.8 mm
- in width up to 2.80 m
- in sheets or coils (only 3.0 mm)
- in several colors; RAL-, NSC- and special colors
- with a smooth or corona treated reverse side
- with tack film
- other thicknesses, dimensions or colors on request

Specific advantages

- stiffness and thickness at low specific weight
- as replacement for the GRP-plywood construction
- high gloss surface with excellent UV- and weathering resistance

Applications

- caravan and motor home industry, e.g. side wall elements
- vehicle constructions
- bus industry, e.g. side walls

Technical Values for LAMILUX LAMIIite

Technical dates and mechanical properties LAMIIite	Test method	LAMIIite 3.0	LAMIIite 3.8
Thickness	Internal	3.0 mm	3.8 mm
Weight	Internal	3400 g/m ²	4300 g/m ²
Glass content	Internal	17-20 %	17 %
Flexural strength	DIN EN ISO 14125	105 N/mm ²	115 N/mm ²
Tensile strength	DIN EN ISO 527-4/2/2	55 N/mm ²	48 N/mm ²

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.