



LAMILUX VE

- Innovative fiberglass solutions





product description and application

Description LAMILUX VE is a fiberglass product based on a new resin system to achieve excellent chemical resistance against a multitude of substances (eg acids, bases, oxidizing agents), as well as high HDT and improved tensile and flexural strengths.



Superior chemical resistance



clarifier

LAMILUX VE is available

- In thicknesses of 1.0 mm up to 4.0 mm
- With woven and multiaxial fabrics as well as unifilo- and chopped strand-mat-reinforcement
- 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 colours on request

Specific advantages

- Superior chemical resistance
- High HDT

Application

- Tank-lining
- Support sheets for cement panel production

Technical Values for LAMILUX VE

Technical dates and mechanical properties LAMILUX VE	Test method	With gelcoat	Without gelcoat
Thickness	Internal	1.5 mm	4.0 mm
Weight	Internal	1950 g/m ²	5200 g/m ²
Glass content	Internal	22 %	23 %
Flexural strength	DIN EN ISO 14125	120 N/mm ²	145 N/mm ²
Tensile strength	DIN EN ISO 527-4/2/2	80 N/mm ²	80 N/mm ²
Chemical resistance against aqueous ammonia and aqueous sodium hydroxide	Internal	Very good. No blistering, no formation of cracks, no significant loss of mechanical properties	
Resistance against boiling water	Internal	Very good. No blistering or formation of cracks	

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.