



SUPERLIGHT & STRONG

LAMILUX X-TREME

THE WORLD'S LIGHTEST AND STRONGEST TANK CLADDINGS

LAMILUX X-treme is the state of the art material for tank claddings. It is a fiber reinforced composite offering the maximum possible content of reinforcement fibres in a highly elastic epoxy resin matrix. Highest strengths (twice than steel), outstanding impact tolerance and maximum weight saving can be achieved.

LAMILUX X-treme has three times the strength of the best tank cladding materials available in the market.

Your benefits with LAMILUX X-treme Tank Claddings

- Reduced maintenance and repair costs
- Maximised service life & less downtime
- High-class appearance even under the toughest conditions
- Reduced operating costs thanks to weight reduction

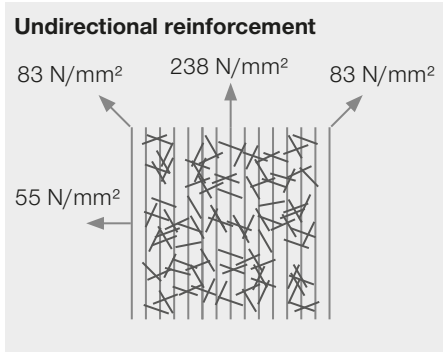
LAMILUX X-TREME 1.1 MM COMPARED TO BEST COMPETITOR MATERIAL

COMPETITOR

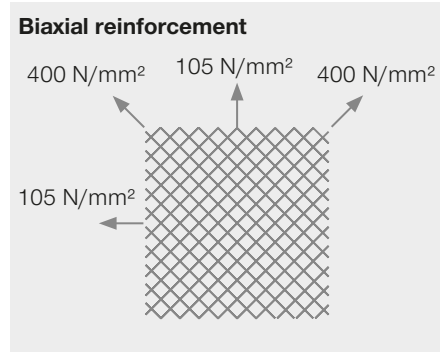
LAMILUX



Tensile Strength DIN EN ISO 527-4/3/2



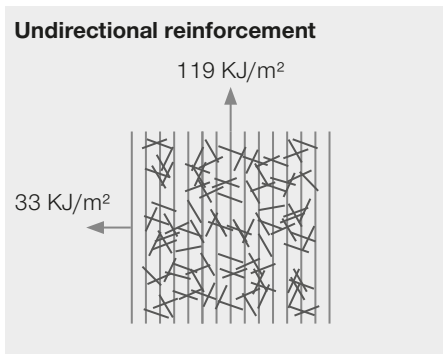
Average strength per mm² = 115 N/mm²
 Absolute (thickness included) = 205 N/mm



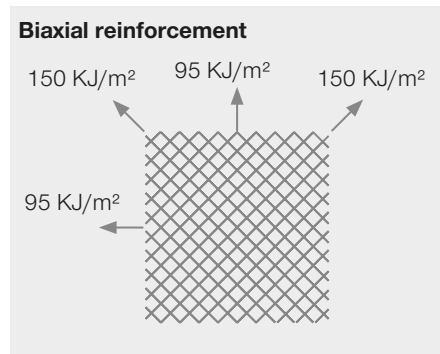
Average strength per mm² = 262 N/mm²
 Absolute (thickness included) = 288 N/mm



Impact Strength by Charpy DIN EN ISO 179-1



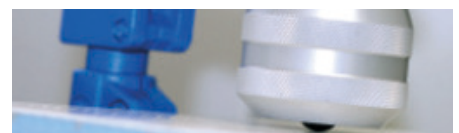
Average impact strength = 76 KJ/m²



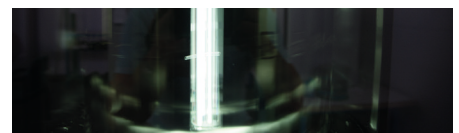
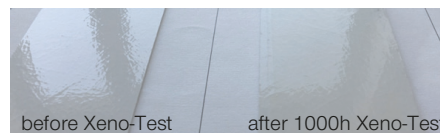
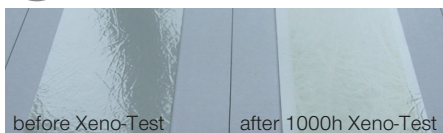
Average impact strength = 123 KJ/m²



Impact Strength by Erichsen ISO 304



Accelerated weathering with Xeno-test



Summary



40% Higher absolute strength



36% Better in thermal expansion



62% Higher impact resistance



29% Lower weight

