

## Technical data sheet

# NAUTIC LC (LIQUID COMPOSITE)

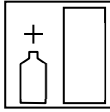
## Liquid polyester mass

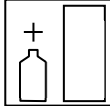


### Application:

- Composite manufacturing industry
- manufacture of waterborne vessels (boats: motorboats and sailing yachts)
  - wind turbines
  - transport (fairings, car bodies, etc.)
  - other products made of composite (laminated) materials

### Properties:

- very good applications properties
- excellent thixotropic
- no sagging
- low temperature peak
- hardened with any type of methyl ethyl ketone peroxide

CHARACTERISTICS	NAUTIC LC	STANDARD
Density	1.3 – 1.4 g/cm <sup>3</sup>	PN-EN ISO 2811-1
Gel time at 20°C	60 - 70 min	--
Colour	grey	--
Shrinkage	< 5 %	PN EN ISO 3521
Tensile strength	> 25 MPa	PN EN ISO 527
Elongation at break	> 0.4 %	PN EN ISO 527
Glass transition temperature	76 °C	DN EN ISO 6721
Application thickness	< 6 mm	--
Polish Register of Shipping Type Approval Certificate	<b>TT/1336/710250/22</b>	
<b>CAUTION:</b> Tests were made with 1,5% Metox 50WR hardener.		
<b>SUBSTRATES</b>		
polyester, vinyl ester and epoxy laminates	dry sand P80 – P120, and degrease again with the PLUS 780 a remover	
plywood, wood	degrease with the PLUS 780 a remover, dry sand with P80 – P120 and degrease again	
<b>MIXING RATIO</b>		
	ADHESIVE HARDENER	Ratio by weight
		100g 1.0-2.0g
<b>COATABILITY</b>		
Polyester, vinyl ester or epoxy laminates (resins) and each polyester or epoxy products.		
<b>APPLICATION CONDITIONS</b>		
The minimum application temperature is +10°C		

APPLICATION	
	<p>Use the required amount of hardener. Mix the components thoroughly until a uniform colour is obtained.            Weight quantity of components: Add 100 g of LC to 1.0-2.0 g of hardener.</p> <p>Gel time at 20°C: 60 - 70 min</p>
	<p>Apply with a foil applicator. Speed of application can be adjusted by selecting the appropriate diameter of the nozzle. A brush can be used to align and gain the expected effect.</p>
	<p>The process of creating a laminate can begin after 3 hours at 20°C</p>
EQUIPMENT CLEANING	
<p>THIN 850 acrylic thinner or NC solvent.</p>	
PACKAGING	
<p>20 kg</p>	
STORAGE CONDITIONS	
<p>Store in a cool dry room, away from sources of fire and heat.            Avoid direct exposure to sunlight.</p>	
SHELF LIFE	
<p>NAUTIC LC</p>	<p>6 months / 20°C</p>
SAFETY	
<p>See the Safety Data Sheet.</p>	
NOTES	
<p>Intended for professional use only.</p>	
OTHER INFORMATION	
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