

Neotex[®] PE-6/TC

Unsaturated thixotropic polyester preaccelerated

Fields of application	<ul style="list-style-type: none"> • Constructions - repairs of reinforced plastics (e.g. yacht, tanks, sprayers, molds) • Plasticization (e.g. boats, car parts, roofs) • Waterproofing (e.g. pendants, tanks)
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Technical Characteristics (non reinforced)

Density	1,10g/cm ³
Dosage (by weight)	MEKP-50 Catalyst 10 to 20g per kg of polyester NEOTEX[®] PE-6/TC
Viscosity	5.5 – 6.5 dPa.s
Solid content	56 – 60%
Volumetric shrinkage	7%
Tensile Modulus ISO 527 (1999)	3715Mpas
Tensile strength ISO 527 (1999)	57Mpas
Elongation	2,3%
Flexural strength ISO 178 (2003)	98Mpa
Flexural modulus ISO 178 (2003)	3630
Thermomechanical properties HDT ISO 75-2 A (1999) (°C)	64 (2hrs at 120°C)
Hardening time at +25° C	10 to 30 minutes, depending on ambient temperature and catalyst rate
consumption	1kg/m ² per layer with reinforcement

Instructions for use

Surface preparation: The substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. Use compressed air, any suitable mechanical means, or washing with solvents. The surface is either forced dry by blowing hot air or can dry naturally. To improve the adhesion on concrete and metal surfaces, it is recommended to use **Neotex PU[®] Primer**.

Application: Use fiberglass, between the 2 coatings, while the 1st is still wet. Previous work is repeated until the thickness required of construction or repair is achieved. If needed more fluidity the mixture diluted 5% with **Styrene**.

Gelcoat (Topcoat) can be applied as a final layer.

Notes

- *Application Conditions:* Minimum application temperature: + 12°C
- Due to the quick curing rate and drying time, it is suggested to thoroughly evaluate the product before using. Mix as

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much material as you can apply within its pot life.

Cleaning of tools	Clean all tools and application equipment with Acetone .
Packing	1kg, 3kg, 6kg, 20kg and 225kg
Auxiliary Materials	Transparent polyester suitable for molding (eg statues, decorations, frames, trinkets)
Storage stability	6 months, stored in its initial, sealed package, at +5°C to +25°C, protected from sunlight, moisture and frost, away from heat sources, flames and sparks.
Safety Precautions	See Safety Data Sheets.