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Neotex[®] PE-6/TC

Unsaturated thixotropic polyester preaccelerated

Fields of application

- Constructions - repairs of reinforced plastics (e.g. yacht, tanks, sprayers, molds)
- Plasticization (e.g. boats, car parts, roofs)
- Waterproofing (e.g. pendants, tanks)
- Moulding (e.g. statues, ornaments, frames)

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
Full hardening	7 days
Pot life (at +25°C) consumption	35-45 minutes 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.

Application: First the surface must be primed, with a regular polyester-catalyst mixture. In cases of increased porosity of the substrate the mixture diluted 5% with **Styrene** to obtain more fluidity. 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.

The final coat of polyester-catalyst can be painted, if desired,



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with a polyester paste inserted into the polyester prior to the addition of the catalyst.

Notes

- Due to the quick curing rate and drying time, it is suggested to thoroughly evaluate the product before using. Mix as 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

Storage stability

The product is usable for 1 year when kept unopened in its original container, protected from frost and direct sunlight (5-25°C).

Safety Precautions

See Safety Data Sheets.



The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.