



TECHNICAL DATA SHEET

Date of issue: 2020

EPOVARNISH 040 SOLVENTBASED TRANSPARENT EPOXY VARNISH (renaming of Epolux 126)

DESCRIPTION

Ready to mix epoxy system of two components. It has great hardness and friction resistance. It has excellent resistance to seawater, acids, alkalis, aliphatic hydrocarbons, crude oil and oil fractions. It is specially designed as the final paint for the long-term protection and decoration of cement-based substrates, concrete, natural stones, metal surfaces and as protective varnish for pools (avoiding chalking) and epoxy floors.



TECHNICAL CHARACTERISTICS

Density	: 0,91 – 0,98(ELOTENISO 2811 20°C)
Viscosity	: 20–50mPas(ASTMD2196-86 25°C)
Mixing ratio	: A:B = 3:1
Coverage	: 7-10m ² /lt per layer
Drying time	: The second layer is applied after the first one has dried, but within 24 hours.Final hardening: 1 week at 23 ° C.
Colors	: Transparent
Packaging	: Set 1lt, 3lt, 15lt
VOC (Volatile Organic Compounds)	: EU limit value for this product Category A: “j”, Type:SB, Two-pack reactive performance coatings for specific end use such as floors: 500g/l (2010). This product contains max 499g/l VOC.
Painting tools	: Brush, roller, pistol Remove as much paint as possible from the equipment in the container and clean it immediately with solvent No810 and then wash with hot water and soap.
Conditions of application	: Do not apply at temperatures below 10°C and above 35°C.
Storage	: Store at temperatures from 5°C to 40°C. Close the container after every use.

MANUFACTURE PAINTS AND VARNISHES TZELOS EV. ANASTASIOS&Co E.E.

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APPLICATION

Stir well before use

EPOVARNISH 040 contains solvents. During application in enclosed areas good ventilation is required. Component B is completely added to A and mixed for at least 5 minutes until the mixture is completely homogenized. Apply with a brush, roller or pistol within 24 hours of applying the primer after it has dried. The second coat is applied after the first one has dried, but within 24 hours. Adhesion between the layers may be affected by the presence of moisture or dirt. If there is time between the consecutive layers longer than expected or if old surfaces are to be dyed again, the surface must be cleaned and rubbed together before the new application. Temperature should not be below 10°C and the humidity should not exceed 75% RH. After application the surfaces must be protected from moisture for 6-8 hours as moisture can give white tinge on the surface and/or make it sticky. After its hardness, EPOVARNISH 040 is harmless to health.

Cementitious substrates	The quality of the concrete must be at least C20/25 with a cement content of 350kg/m ³ , moisture content <4% and application must be carried out at least 30 days after construction of the surface. The priming is done with the EPOPRIMER 240 of TETRALUX diluted 10-15% by weight or with EPOVARNISH 040 itself diluted 40-60 wt% with solvent No810of Tetralux.
Metal surfaces	Good surface cleaning is required and depending on the substrate brushing, sand blasting, milling, etc. are required.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult TETRALUX Safety Data Sheets and follow all local or national safety regulations.

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