



TECHNICAL DATA SHEET

Date of issue: 2020

EPOLUX 540 SOLVENT BASED EPOXY PAINT COMPONENT A (renaming of EPOLUX 121)

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 such as concrete, plaster, metal surfaces and steel structures, platforms, tanks, pipes and other steel installations. It is recommended for industrial areas, laboratories, gas stations, car workshops, etc.



TECHNICAL CHARACTERISTICS

Density	: 1,49 – 1,53(ELOT EN ISO 2811 20°C)
Viscosity	: 2000 – 4000 mPas (ASTM D2196-86 25°C)
Thinining	: 5 - 10% with solvent No 810
Mixing ratio	: A:B = 3:1
Coverage	: 5-7m ² /l 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	: RAL shades
Packaging	: Set 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.

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

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Storage : Store at temperatures from 5°C to 40°C. Close the container after every use.

APPLICATION

Stir well before use

EPOLUX 540 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, EPOLUX 540 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 210 of TETRALUX diluted 10-15% by weight or with EPOLUX 540 itself diluted 40-60 wt% with solvent No810 of Tetralux.
Metal surfaces	Good surface cleaning is required and depending on the substrate brushing, sand blasting, milling, etc. are required. The priming is made with two-layers METALPOX 140 for better anti-corrosion protection.

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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For professional use

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