



## TECHNICAL DATA SHEET

Date of issue: 2020

### EPOLUX 121 SOLVENT BASED EPOXY PAINT COMPONENT A

#### 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

<b>Density (A+B)</b>	: 1,49 – 1,53 (ELOT EN ISO 2811 20°C)
<b>Viscosity (A+B)</b>	: 2000 – 4000 mPas (ASTM D2196-86 25°C)
<b>Thinining</b>	: 5 - 10% with solvent No 810
<b>Mixing ratio</b>	: A:B = 3:1
<b>Coverage</b>	: 5-7m <sup>2</sup> /lt per layer
<b>Drying time</b>	: The second layer is applied after the first one has dried, but within 24 hours. Final hardening: 1 week at 23 ° C.
<b>Colors</b>	: RAL shades
<b>Packaging</b>	: Set 3lt, 15lt
<b>VOC (Volatile Organic Compounds)</b>	: 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.
<b>Painting tools</b>	: 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.
<b>Conditions of application</b>	: Do not apply at temperatures below 10°C and above 35°C.
<b>Storage</b>	: Store at temperatures from 5°C to 40°C. Close the container after every use.



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### APPLICATION

#### Stir well before use

EPOLUX121 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 121 is harmless to health.

<b>Cementitious substrates</b>	The quality of the concrete must be at least C20/25 with a cement content of 350kg/m <sup>3</sup> , moisture content <4% and application must be carried out at least 30 days after construction of the surface. The priming is done with the EPOLUX 125 CLEARPRIMER epoxy primer of TETRALUX diluted 10-15% by weight or with EPOLUX 121 itself diluted 40-60 wt% with solvent No810 of Tetralux.
<b>Metal surfaces</b>	Good surface cleaning is required and depending on the substrate brushing, sand blasting, milling, etc. are required. The priming is made with two-layer EPOLUX 127 RUSTPRIMER epoxy primer for better anti-corrosion protection.

### HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION



Warning

Harmful to aquatic life with long lasting effects. • Causes serious eye irritation • Flammable liquid and vapour • Causes skin irritation • May cause an allergic skin reaction • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking • Wash thoroughly after handling • Wear protective gloves/protective clothing/eye protection/face protection • IF ON SKIN: Wash with plenty of water • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing



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- In case of fire: Use ABC powder extinguisher for extinction • Store in a well-ventilated place. Keep cool • Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

Close container after use

Contains epoxy constituents. May produce an allergic reaction

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

Contains: reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )

For professional use

Tel. POISON CENTER: 210 7793777



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### EPOLUX 121 SOLVENTBASED EPOXY PAINT COMPONENT B

#### DESCRIPTION

Polyamide hardener used as Component B for EPOLUX 121.

#### TECHNICAL CHARACTERISTICS

<b>Mixing ratio</b>	: A:B = 3:1
<b>Coverage</b>	: 5-7m <sup>2</sup> /lt per layer
<b>Drying time</b>	: The second layer is applied after the first is dried, but in 24hours. Final hardening: 1 week at 23°C.
<b>Colors</b>	: RAL shades
<b>Packaging</b>	: Set 3lt, 15t
<b>VOC (Volatile Organic Compounds)</b>	: 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.
<b>Painting tools</b>	: 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.
<b>Conditions of application</b>	: Do not apply at temperatures below 10°C and above 35°C.
<b>Storage</b>	: Store at temperatures from 5°C to 40°C. Close the container after every use.

#### APPLICATION

EPOLUX 121 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



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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 121 is harmless to health.

<b>Surface preparation</b>	The quality of the concrete must be at least C20/25 with a cement content of 350kg/m <sup>3</sup> , moisture content <4% and application must be carried out at least 30 days after construction of the surface. The priming is done with the EPOLUX 125 CLEARPRIMER epoxy primer of TETRALUX diluted 10-15% by weight or with EPOLUX 121 itself diluted 40-60 wt% with solvent No810 of Tetralux.
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## HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION



Danger

Harmful in contact with skin or if inhaled • Toxic to aquatic life with long lasting effects • Causes serious eye damage • Flammable liquid and vapour • Causes skin irritation • May cause an allergic skin reaction • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. • Wear protective gloves/protective clothing/eye protection/face protection • IF ON SKIN: Wash with plenty of water • IF INHALED: Remove person to fresh air and keep comfortable for breathing • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing • In case of fire: Use ABC powder extinguisher for extinction • Store in a well-ventilated place. Keep cool • Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

Contains 3,6-diazaoctanethylenediamin, Xylene; Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

For professional use.

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