



TECHNICAL DATA SHEET

## EPOXY-POLYAMIDE IMPREGNATING PRIMER

**Name:** EPICOL TRANSPARENT  
**Code:** 999.00456  
**Color:** COLORLESS  
**Appearance:** GLOSSY  
**Packaging:** 5 L. TIN  
**Availability:** IN STOCK

**Catalyst:** EPOXY  
**Name:** EPICOL CATALYST  
**Code:** 490.00000  
**Packaging:** 5 L. TIN

**Specific thinner:** [EPOXY](#)  
**Name:** EPICOL DILUENT  
**Code:** 940.02076

### WHERE TO USE

Impregnating primer suitable for the treatment of swimming pools, water parks, fountains and concrete floors, as a first coat of adhesion to facilitate the anchoring of epoxy, polyurethane or chlorinated rubber coats.

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### CHEMICAL AND PHYSICAL CHARACTERISTICS

#### Referred to the undiluted catalyzed product

The physical constants are indicative and subject to normal production tolerances in accordance with ISO 3534-1.

Calculated specific weight	Kg/L 1.000 ± 0.020 L/Kg 1.000 ± 0.020
Calculated dry residue	Weight 60% ± ± 2% Volume 58% ± 2%
Binder	EPOXY + ACTIVATED AMIDE ADDUCT
C.O.V.	< 500 g/L
Calculated theoretical yield* two applications	7.0 mq/Kg 7.0 mq/L



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\* The yield must be evaluated from time to time, as it is conditioned by multiple external and environmental factors that are variable during the application phase. In estimating the quantities necessary for the execution of the work, it is also necessary to consider the possible losses of material during mixing and application.

Drying	Air T° 25°C Relative humidity 70%
Dust out	15' - 20'
Dry to the touch	5 - 6 hours
Dry in depth	7 days
Overpainting	after 8 hours and within 36 hours

## APPLICATION INSTRUCTIONS

### Optimal conditions for the application

Temperature not lower than 5°C, and anyway when the T° of the surface is at least above dew point.

Relative humidity not exceeding 80%.

Note: Excessive moisture or condensation during polymerization can negatively interfere with the polymerization itself and / or cause discoloration. Above or below normal conditions it may be necessary to use special application techniques and particular dilution ratios.

### How to treat the surface

The surface must be clean and dry. A suitable method must be used to remove dirt, dust, oils and other contaminants that could interfere with the adhesion of the product.

Carry out a thorough sandblasting and / or shot peening. Carefully remove all traces of dust. Before applying the epoxy-polyamide primer, it is necessary to check the moisture content of the concrete. It should be emphasized that excessive humidity or counter-thrust water can cause detachments or bubbles. Therefore we recommend the use of hygrometers with penetration probe; if not available or at first approximation, perform transpiration tests by partially dabbing the surface with plastic sheets stopped with adhesive tape, and checking the condensate after 12 night hours.



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### Mode

By bubble breaker roller	SUITABLE
By brush	NOT RECOMMENDED
By spray	NOT SUITABLE
Note: Taking care to reach the required thickness	

### MIXTURE AND DILUTION

Both depend on the application method.

The use of a diluent other than the specific one indicated may have a negative effect on the behavior of the coating applied, with the cancellation of guarantees also explicitly expressed and / or agreed upon.

Note: Carefully mix epoxy-polyamide impregnating primer (component A) before catalysis. Add the catalyst (component B). Carefully mix the catalyzed product. Adding the thinner and mix again.

<b>Application with bubble breaker roller</b>	
First coat	Maximum dilution 20%
Second coat	Maximum dilution 10%

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<b>Catalysis</b>	
EPOXY POLYAMIDE IMPREGNATING	100 PARTS BY WEIGHT
EPOXY CATALYST	100 PARTS BY WEIGHT
EPOXY POLYAMIDE IMPREGNATING	100 PARTS IN VOLUME
EPOXY CATALYST	100 PARTS IN VOLUME
INDUCTION TIME	15 MINUTES



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POT-LIFE*	8 hours at 25°C and lower at higher temperatures.
*The duration of the mixture ends when the product becomes too viscous for use.	

### INSTRUCTIONS FOR STORAGE

The product must be stored in accordance with national regulations. After the indicated period of time, check before use to verify the integrity of the product. Storage at high temperatures significantly reduces the period of use of the product.

#### Primer

12 months from the date of production in sealed can, as long as the material is placed indoor, away from heat sources, protected from frost and anyway within the limits of 4 - 30°C and humidity 0 - 80°C.

#### Catalyst

12 months from the date of production in sealed can, as long as the material is placed indoors, away from heat sources, protected from frost and anyway within the limits of 4 - 30°C and humidity 0 - 80°C.

### HEALTH AND SAFETY

To be used exclusively for the uses and conditions shown on this data sheet.

In applications it is always necessary to provide adequate room ventilation.

Do not inhale the nebulised paint. Do not eat, drink or smoke during use. Do not disperse into environment. Collect spillages.

Dispose of the product / container in accordance with national regulations.

The product causes serious eye irritation. Wearing protective gloves / clothing. Protecting eyes / face. In case of contact with the skin, removing the paint with a suitable detergent, soap and water. Keep out of reach of children.

**In case of need, consulting Niguarda Hospital's venoms Center at the number 02/66101029**

For detailed information on health and safety hazards and precautions for the use of this product, always consult the Safety Data Sheet.



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### **Please Note:**

Since the conditions of use of our materials are not under our direct control, we decline any responsibility for the improper use that is made of them, for the direct or indirect damages that can derive from their use towards anyone and for the duration in time of the product after its application.

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### **Revision N.01/2019**

This data sheet replaces all the previous ones.

