



## ONE-COMPONENT COLORED ANTI-DUST ENAMEL

Name:	ISOPLASTICK COLOR
Code:	301.00000
Color:	SELECTED RANGE OF COLORS
Appearance:	GLOSSY
Packaging:	5 L. TIN + PRE-DOSED PIGMENT PACKAGING
Availability:	IN STOCK

Specific thinner:	<a href="#">SYNTETHIC</a>
Name:	SYNTETHIC DILUENT
Code:	800.93405

### WHERE TO USE

Dustproof, colored enamel with excellent resistance to chemicals, petrol and oils. Particularly suitable for concrete floors, especially in places where a dust-free environment is required for work needs, and in industrial environments such as dry cleaners, garages, galvanic baths, chemical plants, interior of cement tanks for diesel or black water. Its formulation makes it excellent for the preservation of the concrete floor, for its protection from dirt, stains and degradation, and to facilitate washing and cleaning. Due to its features, it is also recommended for the treatment of garages, haylofts, barns and horse stable. Its use is not recommended for external use as it can have a marked yellowing and chalking.

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### CHEMICAL RESISTANCE

Duration of exposure: 60 days without alteration with the following products and their concentrations:

Sulfuric acid	10%
Hydrochloric acid	10%
Citric acid	10%
Tannic acid	10%
Soda solution	10%
Petrol	---
Diesel fuel	---



## TECHNICAL DATA SHEET

### CHEMICAL AND PHYSICAL CHARACTERISTICS

#### Referred to the undiluted one-component product

The physical constants are indicative and subject to normal production tolerances in accordance with ISO 3534-1. The data shown are relative to the White Color. For different colors the physical constants can take different values.

Calculated specific weight	Kg/L 1.000 ± 0.020 L/Kg 1.000 ± 0.020
Calculated dry residue	Weight 50% ± 2% Volume 45% ± 2%
Binder	POLYISOCYANATE
C.O.V.	< 500 g/L
Calculated theoretical yield* two applications	4 mq/Kg 5.5 mq/L
* 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	20'
Dry to the touch	2 - 3 hours
Walkable	after 2 days
Walkable with mechanical means	after 4 days



## TECHNICAL DATA SHEET

### 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.

##### New flooring:

After being thoroughly cleaned, applying a first, more diluted, coat of ISOPLASTICK to help penetrate it into the cement. After at least 2 hours, but within 24 hours, applying the second, more concentrated coat, which will protect the floor and strengthen the mantle of wear so as to extend its duration. The yield is strongly influenced by the absorption capacity of the cement. ISOPLASTICK COLOR can be given directly on the support, it is not necessary to use any primer.

##### Worn floor:

Cleaning the floor thoroughly. Remove the damaged parts of the wear layer and proceed with the restoration. When the surface is clean and dry, applying a first, more diluted, coat of ISOPLASTICK to help penetrate it into the cement. After at least 2 hours, but within 24 hours, applying the second, more concentrated coat, which will protect the floor and strengthen the mantle of wear so as to extend its duration. The yield is strongly influenced by the absorption capacity of the cement.

ISOPLASTICK COLOR is not a filler, but if the subfloor is in good condition and the support is only partially worn, it can avoid total rebuilding of the floor.

ISOPLASTICK COLOR can be given directly on the support, it is not necessary to use any primer.

#### Mode

By roller	SUITABLE
By brush	SUITABLE
By spray	NOT SUITABLE



## TECHNICAL DATA SHEET

### 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 the product after opening. Adding the pigment (pre-dosed packaging) and mix until a homogeneous mixture is obtained. Adding the thinner and mix again.

**ATTENTION:** at the end of the dilution, the colored enamel obtained must necessarily be used, as it is no suitable for application after 3 hours after mixing.

#### Roller application

First coat: Maximum dilution 15%.

Second coat: Maximum dilution 5%.

PLEASE NOTE: at least 2 hours must elapse between one application and another, but both must be completed within 24 hours.

#### Brush application

First coat: Maximum dilution 15%.

Second coat: Maximum dilution 5%.

PLEASE NOTE: at least 2 hours must elapse between one application and another, but both must be completed within 24 hours.

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### 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.

#### Enamel

6 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.



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## TECHNICAL DATA SHEET

### 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.

#### 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.

