

# UMANA TRASPARENTE ANTIGOCCIA

## SCHEDA TECNICA

Revisione : 12/10/2023

Prodotto: **Umana Trasparente Antigoccia**

Categoria: Umana

Azienda: Loggia

Washable water-based paint for interiors with Ecoactive photocatalytic properties with SARC patent Innovative system for the abatement and mitigation of environmental pollution according to the guidelines of the Ministerial Decree. n.13959 of 04/01/2004.

The first research project was implemented to establish the virucidal degradative activity against SARS-COV-2, the pathogen responsible for the Covid-19 pandemic. The results of the research revealed that the active ingredient of Umana has a marked virucidal action against SARS-COV-2. This effect is evident already at contact times in the order of minutes and remains constant over time.

### **General Characteristics**

Low dirt pick-up siloxane clearcoat. Water-repellent, photocatalytic. Umana Trasparente Antigovvia (Antidrop) has made it possible to exploit the properties of titanium dioxide activated by the UV component of sunlight and thus promoting oxidation-reduction reactions on polluting molecules. In addition to the properties of a siloxane product, it has self-cleaning and anti-pollution properties transforming polluting and dirt particles, such as nitrogen oxides and carbon monoxide, into residues that are easily washable by water.

### **Application**

Particularly suitable for painting exteriors to guarantee both an anti-pollution action alongside breathability and water repellency. Applicable on stone, concrete and absorbent conglomerates of various kinds, both new and old, as long as they are not crumbling. Applied on stone and concrete it increases its anchoring.

### **Preparation**



External Surfaces: the surface must be healthy and coherent, free of salt efflorescence or active humidity stains. In case of chalky surfaces it is advisable to use the ISOLANTE SILOSSANICO. The surfaces must be very clean and dry. The product fixes itself stably on the surface after 12 hours and remains effective for years if it is not removed by abrasion or rubbing.



## Application Methods



Brush and Roller: Dilute 10-15% with water for both the first and second coat. Wait 5-6 hours between one application and the next.

Airless: In airless applications the dilution varies depending on the equipment and pressure used

Application temperature:	+5 ÷ +35	°C
Relative humidity of application:	< 85%	
Recommended thickness:	35-50	µm per coat
Dust dry:	2	h
Repaintable after:	5-6	h
Deep dry:	12	h
Tool cleaning:	with water	

## Technical features:

Specific weight:	1.0	Kg/l
Viscosity:	800	cPs
pH:	8-9	
Theoretical yield:	depending on the absorption of the surface	mq/l per coat
Packaging	1-5-20	l
Color:	mat/transparent	
Coats:	2	

## Storage:



The unopened product, stored intact in a dry and cool place, has a storage life of not less than 24 months.

After use carefully close the package and store it upside down.



Minimum storage temperature: + 5 ° C

Maximum storage temperature: + 30 ° C

## **Safety Precautions:**

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For all information relating to the handling of the product as well as its correct disposal, please refer to the Safety Data Sheet.

## **Warnings**

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The information contained in this sheet is provided to the best of our technical knowledge. However, these indications and suggestions cannot have the value of a guarantee for the applicator, since the conditions of use of the product are beyond our direct control. It is therefore advisable to ascertain the suitability of the product for the specific case with preliminary tests.

European Patent

Office

SARC patent: Bactericidal water-based paint based on coupled nanocrystalline semiconductors stabilized through the use of controlled-release antioxidants.

Owner: Loggia Industria Vernici S.r.l.

Filing application : IT2006LT00009 31082006 Year of filing: 2006

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