

UMANA CLINIC NEW AIR

SCHEDA TECNICA

Revisione : 27/03/2023

Prodotto: **Umana Clinic New Air**

Categoria: Umana

Azienda: Loggia

DATA SHEET

Product: UMANA CLINIC NEW AIR

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Company: Loggia

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Washable thermo-insulating, anti-condensation water-based paint for interiors with photocatalytic properties Eco-active, SARC patent Innovative system for the abatement and mitigation of environmental pollution according to the guidelines of the D.M. n.13959 dated 01/04/2004 .

The line Umana is the first research project to establish the virucidal degradative activity against SARS-COV-2, the pathogen responsible for covid-19 pandemic. The results of the research have revealed that the active ingredient of Umana has a marked virucidal action against SARS-COV-2. This effect is evident after few minutes and is constant over time.

General Characteristics

Umana Clinic new air is a paint that acts on indoor air quality, thanks to an innovative technology that captures and neutralizes the main pollutants present inside buildings and is, in addition, thermo-insulating and anti-condensation.

Umana Clinic new air is formulated with special styrene-acrylic emulsions with particular hollow glass microspheres and broad spectrum fungicide. This combination ensures a "Double Glass" insulating effect due to the cavity of the spheres and their low conductivity thermal with the result of , a considerable reduction of condensation in the coldest points.

Umana Clinic new air uses the most recent technological innovations to obtain a paint with PHOTOCATALYTIC PROPERTIES. In particular, it exploits the patented SARC1 technology. The photocatalytic antibacterial action determined by the introduction into the formula of silver ions and rare earths in combination with nanotechnologies, inhibits and prevents the development of molds which generally proliferate in the environment. Photocatalysis, like chlorophyll photosynthesis, oxidizes pollutants and transforms them into inert agents. The SARC system stabilizes the applied paint film protecting it from a premature deterioration caused by the photocatalytic action of the active ingredients. The phenomena of photocatalysis, in fact, are omnidirectional, i.e. they attack the organic substances present in the surrounding environment as well as those contained in the paint itself. The SARC system patented by Loggia Industria Vernici releases constantly and in controlled quantities, an antioxidant substance of vegetable origin which in fact, unlike other photoactive painting systems, guarantees high photocatalytic activity and high duration beyond chromatic stability. The details of the patent are given at the bottom of the

sheet.

Application

Thanks to its high sanitizing activity this product is indicated as a definitive solution in those places where there are strong thermal exchanges between inside and outside that causes the formation of condensation and mold. It therefore finds excellent use for beams, ceilings, corners, basements and in environments such as schools, hospitals, medical offices, etc. Its use is mainly internal. Applicable on plasters based on hydraulic binders, gypsum or plasterboard and conglomerates of various absorbent natures, both new and old, provided they do not crumble

Preparation



New Internal Surfaces: Make sure that the substrate is perfectly dry and cured - no less than 4 weeks for civil plasters and 2 weeks for premixed plasters. If necessary, fill any holes or



imperfections with FLYSTUK and sand, then apply a coat of UMANA CLINIC fixative insulator and, after 4-6 hours paint with 2 coats of UMANA CLINIC NEW AIR following the technical indications below.



Painted Internal Surfaces: Eliminate any trace of mold by brushing off the efflorescence after having them

treated with acid. Then sanitize with a coat of MUFFACID. Remove flaking residues of old paints and, if necessary, fill and smooth any imperfections with FLYSTUK; sand and clean the surfaces. Apply then a coat of UMANA fixative insulator and after 4-6 hours apply 2 coats of UMANA CLINIC NEW AIR following the technical indications given below.

Application Methods



Brush: Dilute the first and second coat by 5% with water. Wait 5-6 hours between one application and the next.

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

Airless: The use of airless is not recommended due to the presence of hollow glass spheres which can clog the gun.

Application temperature:	+5 ÷ +35	°C
Relative humidity of application:	< 85%	
Recommended thickness:	35 ÷ 50	µm per coat
Dust dry:	0,5	h
Repaintable after:	5 ÷ 6	h
Deep dry:	24	h
Tool cleaning:	water	

Tinting:

The product can be colored with universal dyes available on the market, but only pastel shades can be obtained.

Warnings: During the coloring phase it is advisable to mix the product very slowly by hand, avoiding the use of electrical appliances. Furthermore, avoid any addition of water beyond that necessary for the dilution should of the product.

Specific weight:	0,9 ÷ 1,1	Kg/l
Viscosity:	7.000 ÷ 10.000	cPs
pH:	7-8	
Solid in weight:	55%	
Theoretical yield:	4 – 5	mq/l
Washability	>10000	Brush strokes
Color:	white	
Appearance:	Satin	
Packaging	4	l

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:

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

Warnings

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.

Loggia Industria Vernici S.r.l. Via Colle d'Alba di Levante – 04016 B.go S. Donato - Sabaudia (LT) – ITALY

Tel. (+39) 0773 562212, Fax (+39) 0773 562034. www.loggia.it, E-mail commerciale@loggia.it.

BVQI certified company for the UNI EN ISO 9001-2000 quality system.