

UMANA FONDO METAL WOOD

SCHEDA TECNICA

Revisione : 09/10/2023

Prodotto: **Umana fondo Metal Wood**

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 for the line 'Umana' 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

Filler base for UMANA SMALTO cycle

Application

Suitable as a filler to give body to wooden or iron artefacts intended for interior use in the UMANA SMALTO cycle.

Preparation



New Iron: Make sure the surface is perfectly dry and free from traces of grease and oil. Otherwise, clean the surface with solvent or an appropriate degreaser. With the steel brush or abrasive paper, remove scale and rust where present; finally clean the surfaces to be painted. Then apply two coats of FONDO METAL & WOOD and after 12-24 hours paint with two coats of UMANA SMALTO



Painted Iron: With the steel brush or abrasive paper remove flaking residues of old paints and signs of oxidation; clean the surfaces to be repainted. If necessary, apply a coat of FONDO METAL & WOOD or, if the old paint is in good condition, one or two coats of UMANA SMALTO directly.



New Wood: Make sure the surface is perfectly dry and seasoned. If necessary, fill any holes or imperfections with FLYSTUK and sand; finally clean the surfaces. Then apply two coats of UMANA FONDO METAL & WOOD following the technical instructions below and after 24 hours paint with UMANA SMALTO

Painted Wood: With the brush or sandpaper, remove flaking residues of old paints and, if necessary, fill and smooth the imperfections with FLYSTUK; sand and clean. Then apply two coats of UMANA FONDO METAL & WOOD following the technical instructions below and after 24 hours paint with UMANA SMALTO

Application Methods



Brush and Roller: Dilute 5% with water for both the first and second coat. Wait 4-6 hours between one application and the next.

Air spray: Dilute 10-15% with water for both the first and second coat. Wait 4-6 hours between one application and the next. Gun pressure 3-4 Atm, nozzle diameter 1.5-1.8 mm.

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:	30 ÷ 35	µm per coat
Dust dry:	0,5 ÷ 1	h
Repaintable after:	4 ÷ 6	h
Deep dry:	24	h
Tool cleaning:	with water	

Specific weight:	1,40 ÷ 1,50	Kg/l
Viscosity Krebs:	3000 – 3200	cPs
Solid in weight:	63%	
Theoretical yield:	8 – 10	mq/l
Color	Bianco	
Appearance	Opaco	
Packing:	0,750 - 2,5 - 14	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.

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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