

MANTRA METAL

SCHEDA TECNICA

Revisione : 04/02/2022

Prodotto: **Mantra Metal**

Categoria: Mantra

Azienda: Loggia

General Characteristics

Coating based on synthetic binders, formulated with inorganic pigments, special additives and inert mineral fillers. With the addition of metal powders, it transforms each surface into a noble metal that the applicator can decorate according to his or her own creativity to obtain shiny and smooth material finishes in metal foil. Excellent resistance to UV rays and molds.

Application

Suitable for interior coating of artistically interesting ancient or modern buildings.

Media Preparation



Before applying MANTRA METAL it is necessary to proceed with an adequate preparation of the surface by means of powder or paste fillers (such as FLYSTUK), subsequently smoothed with abrasive papers (a grain type P120-150 is recommended) after about 12 hours from the end of the application. After sanding, proceed with the elimination of dirt and dust and apply a coat of Fissacril fixative diluted with water in the ratio 1: 2/1: 4.

Application Methods



Brush: Ready to use.

The effects of MANTRA METAL can be created in different types of metal finishes. (Ratio 0,750 Lt MANTRA METAL neutral + 0,500 Kg metal powder)

PREPARATION: Mix neutral MANTRA METAL with the metal powder contained in the package.

Application on INFINITO:

Apply the first coat of MANTRA METAL with a brush following the texture of INFINITO on the entire surface or only in some points.

After 3-4 hours apply the second coat in the same way as the first.

After 12 hours MANTRA can be oxidized on the whole surface or only on some points.

For a more marked oxidation it can be applied a second coat of activator

After 12 hours we proceed with roto-orbital sanding equipped with suction, with consecutive abrasive discs 320-600-800.

After sanding with 800, apply MANTRA PROTEX by spraying it directly on the wall and spread it over the entire surface with a soft microfibre cloth. After 1-2 hours polish with flex with a lamb's wool pad.

Application on smooth walls:

Apply 2 coats of UNIVERSAL PRIMER with a short-haired roller or a brush (the color of the primer can be in tone with the chosen metal or in contrast).

After 24 hours from the application of the primer apply the first coat of MANTRA with a brush trying to obtain a smooth and homogeneous surface. After 4-6 hours apply the second coat. It is possible to apply multiple metallic variants wet on wet.

After 12 hours MANTRA can be oxidized both on the entire surface or only in some places.

For a more marked oxidation a second coat of activator can be applied. After 12 hours we proceed with roto-orbital sanding equipped with suction, with consecutive abrasive discs 320-600-800 and 3000-6000 Trizact.

After sanding with 6000 Trizact, apply MANTRA PROTEX by spraying it directly on the wall and using a soft microfibre cloth to wipe over the entire surface. After 1-2 hours polishing with flex with a lamb's wool pad.

Application on wood:

Apply 2 coats of INTERMEDIAL PRIMER with a short-haired roller or with a brush (the color of the primer can be in tone with the chosen metal or in contrast).

After 24 hours from the application of the primer, apply the first coat of MANTRA with a brush trying to obtain a smooth and homogeneous surface. After 4-6 hours apply the second coat. It is possible to apply multiple metallic variants wet on wet.

After 12 hours MANTRA can be oxidized both on the entire surface and only in some places.

For a more marked oxidation, a second coat of activator can be applied. After 12 hours we proceed with roto-orbital sanding equipped with suction, with consecutive abrasive discs 320-600-800 and 3000-6000 Trizact.

After sanding with 6000 Trizact, apply MANTRA PROTEX by spraying it directly on the wall and using a soft microfibre cloth to wipe over the entire surface. After 1-2 hours polish with flex with a lamb's wool pad.

- MANTRA can be oxidized or not.

- INFINITO can be white or in tone with the chosen finish

Application temperature:	+5 - +35	°C
Relative humidity of application:	<85%	
Recommended thickness:	0,5-1	µm per coat
Dust dry:	2	h
Repaintable after:	8	h
Deep dry:	24	h

Tool cleaning:	water	
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Specific weight:	1,02-1,05	Kg/l
Viscosity:	7000-8000	cPs
pH:	8-9	
Solid in weight:	58%	
Theoretical yield on INFINITO	5 (mantra kit 0,750 Lt + 0,500 kg metal powder)	mq/l
Theoretical yield on smooth walls:	5 (mantra kit 0,750 Lt + 0,500 kg metal powder)	mq/l
Metal effect Colors:	SILVER - BRONZE - BRASS - COPPER - ZINC	
Packing	0,750	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.

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