

MICROMONO 500

SCHEDA TECNICA

Revisione : 24/10/2022

Prodotto: **Micromono 500**

Categoria: Microloggia

Azienda: Loggia

General Characteristics

MICROMONO 500 is a single-component, high-performance cementitious mortar to be used with trowel for the covering of floors, walls and furnishings. Excellent alkali resistance it adheres perfectly to the treated surface. The product has excellent surface and foot traffic resistance.

Application

Suitable for finishing decoration of interior wall surfaces or flooring, it gives a decorative effect of high artistic content.

Media Preparation



For concrete floors: before starting work make sure that there is no rising humidity, in case of doubt make a measurement of humidity in the floor that must not exceed 3%. If the humidity exceeds 3%, first apply a vapour barrier.



In the presence of stains of dirt, oil or non-stick products act on the surface mechanically or with specific detergents and finally ensure their perfect neutralization before proceeding to the next steps.

For concrete floors in good condition apply a coat of MICROUNDIFORM and after 2 hours apply a coat of MICROPRIMER ATTAC.



In case of restoration with mortars, of strongly deteriorated parts (cracks), a fibrate net must be inserted when applying the first coat of MICROSUPER7 (2 coats recommended). After drying, pass a coat of MICROPRIMER ATTAC.

For difficult supports brick, marble, tiles and ceramics: after roughening apply a coat of MICROPRIMER ATTAC diluted max 10% with water for brush or roller application.

For floors or tiles with very wide and deep joints 3-4 mm: in the presence of dirt stains, oil or non-stick products act on the support mechanically or with specific detergents and finally ensure their perfect neutralization before proceeding to the next steps. Apply 2-3 coats of MICROSUPER7 to obtain the total coverage of the joints. In addition, on critical floors and/or with traces for plants, a fibrate network must be inserted when applying the first coat of MICROSUPER7 and then MICROUNDIFORM.

For walls: thoroughly clean the surfaces (walls and plasterboard) by removing all impurities by means of abrasive papers. Remove peeling residues of old paints and, if necessary, fill and shave the imperfections with an appropriate mortar; sand and clean the surfaces. After sanding, remove any traces of mold by brushing away efflorescence after treating with bleach.

Then sanitize with a coat of MUFFACID; after 6-8 hours apply a coat of MICROUNDIFORM ready to use.

After 2/4 hours pass a hand of MICROPRIMER ATTAC.

Application Methods



Tools: stainless steel spatula

MICROMONO 500 is normally used as a first coat of preparation for subsequent finishing applications with MICROMONO 300. Also, depending on the desired effect, you can also use it as a finishing hand.

After drying (2/4 hours) from the MICROPRIMER ATTAC apply a coat of MICROMONO 500 mixed in 30% water ratio if applied to wall and 33% water if applied to floors.

PREPARATIONS OF THE MALTA

Mix MICROMONO 500 with electric mixer for about 3 minutes at low speed, until any lumps dissolve and let the dough rest at least 5 minutes.

MIXING RATIO	MICROMONO 500	WATER
	3 KG	30% WALL
	15 KG	33% FLOOR
APPLICATION TEMPERATURE	+10 ÷ +35	°C
RELATIVITY HUMIDITY OF APPLICATION	<85%	
THICKNESS:	0,5	mm
WAITING TIME BETWEEN 2 COATS AT ± 20 °C:	5-6	h
TOTAL DRY IN DEPHT:	28	h
WAITING TIME TO WALK ON:	72	h
TOOLS CLEANING:	con acqua	
LENGHT OF THE PRODUCT ONCE PREPARED AT 20°C:	40-60	min

Specific weight:	1,7 ÷ 2,0	Kg/l
Viscosity:	40000 ÷ 60000	cPs
pH:	7-8	
Solid in weight:	80%	
Theoretical yield:	0,9	mq/l
Packaging	3- 15	kg
Color:	white/grey	
Appearance:	matt	

Storage:



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



After use close the package and store it upside down.

Minimum storage temperature: +5 °C

Maximum storage temperature: +30 °C

Do not apply MICROMONO 500 outdoors if rain is expected within 24 hours of application.

Do not apply MICROMONO 500 at temperatures above 35 °C and below 10 °C.

During drying do not subject MICROMONO 500 to direct or excessive artificial ventilation.

Do not apply MICROMONO 500 on surfaces or supports that are not perfectly clean or aspirated.

Never insert any foreign product into the product or cycle.

After each application of MICROMONO 500, any subsequent treatments can only be carried out after the perfect drying of the previous layer.

Do not use MICROMONO 500 if there are lumps in the mixture due to hardening.

Avoid adding water or resin.

The mixture must be disposed of in accordance with current regulations.

Safety Precautions:

For all information regarding 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, such indications and suggestions cannot be a guarantee for the applicator, since the conditions of use of the product are beyond our direct control. It is therefore advisable to check the suitability of the product for the specific case with preliminary tests.

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.