

MICROLOGGIA 5F

SCHEDA TECNICA

Revisione : 28/09/2022

Prodotto: **Microloggia 5F**

Categoria: Microloggia

Azienda: Loggia

General Characteristics

Cementitious coating for internal and external surfaces based on acrylic resins in emulsion, fillers of various granulometry and inorganic pigments. Excellent alkali resistance, it adheres perfectly to the treated surface. The product has excellent surface and foot traffic resistance

Application

Indicated for the preparation of decoration of internal wall surfaces or floors, it gives a decorative effect of high artistic content.

Warnings and surface preparation



For concrete floors



Before starting work, make sure that there is no rising damp. If in doubt, take a measurement of the humidity in the floor which should not exceed 3%. If it exceeds 3% humidity, apply a vapor barrier.



If present dirt, oil or non-stick product stains, act on the support mechanically or with the specific detergents and finally make sure that they are perfectly neutralized before proceeding to the next steps.

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

In case of repairing heavily deteriorated parts with mortar (cracks and fissures), a fiber mesh must be inserted when applying the first coat of MICROSUPER7. After the second coat of MICROSUPER7 wait for complete drying and apply MICROPRIMER ATTAC with a roller or brush.

For difficult substrates bricks, marbles, tiles and ceramics

After roughening, apply a coat of MICROPRIMER ATTAC diluted max 10% with water for application by brush or roller.



For floors or tiles with very wide and 3-4 mm deep joints

If present dirt, oil or non-stick product stains, act on the surface mechanically or with specific detergents and finally make sure that they are perfectly neutralized before proceeding to the next steps. Apply 2-3 coats of MICROSUPER7 in order to obtain total coverage of the joints. Furthermore, on critical floors and / or with traces for plants, a fiber mesh must be inserted at the time of applying the first coat of MICROSUPER7 and subsequently MICROPRIMER ATTAC.

For walls

Thoroughly clean the surfaces (walls and plasterboard) removing all impurities using abrasive papers. Remove flaking residues of old paint and, if necessary, fill and smooth the imperfections with an appropriate mortar; sand and clean the surfaces. After sanding, remove any traces of mold by brushing off the efflorescence after having treated them with bleach. Then sanitize with a coat of MUFFACID; after 6-8 hours apply a coat of ready-to-use MICROUNDIFORM.

Application Methods



MORTAR PREPARATION

Mix MICROLOGGIA 5F and MICROPRIMER BI with an electric mixer for about 3 minutes at low speed, until any lumps have dissolved and let the dough rest for at least 5 minutes.



MICROLOGGIA 5F is white / gray in color but it is possible to obtain the desired colors and shades with the MICROMAXXI system or by coloring with the MAXXI SYSTEM tinting system in the MICROPRIMER BI to be used with MICROLOGGIA 3.



ATTENTION: immediately after mixing the two components, a high viscosity may occur (momentary gelation), so you must wait 5 minutes before application to allow the product to stabilize.

Tools: stainless steel spatula

MICROLOGGIA 5F is normally used as a first coat of preparation for subsequent finishing applications with MICROLOGGIA 3. Furthermore, depending on the desired effect, it can also be used as a finishing coat

After drying (2/4 hours) from ATTAC MICROPRIMER apply a coat of MICROLOGGIA 5F mixed in a ratio of 3: 1 with MICROPRIMER BI.

If high thicknesses are required, several coats of MICROLOGGIA 5F can be applied and on large surfaces, between one coat and the next, after 12 hours, apply a further coat of MICROPRIMER BI diluted 1: 3.

	MICROLOGGIA 5F	MICROPRIMER BI
MIXING RATIO	0,750m Kg	0,200 LT
	3 Kg	0,800 LT
	15 Kg	4 LT

Application temperature:	+10 ÷ +35	°C
Relative humidity of application	< 85%	
Minimum thickness	0,5	mm
Waiting time between coats at 20 ± 2 °C :	18	h
Repaintable after	24	h
Deep dry:	28	h
Tools cleaning:	water	
Walkability time:	72	h
Pot life of applicable mix (at 20°C)	40-60	min
Proprietà		
Determinazione	Classificazione	Norma
Determination of the surface hardness	100 N/mm ²	UNI EN 13892-6:2004
Determination of the bond strength	2,7 N/mm ²	UNI EN 13892-8:2004
Determination of wear resistance BCA	Max 50? Classe AR 0,5	UNI EN 13892-4:2005
Impact resistance	12,5 N/m Classe II	UNI EN ISO 6272- 1:2013
Compressive strength after 7 days	>= 19,0 MPa	UNI EN 13892-2
Compressive strength after 28 days	>= 30,0 MPa	UNI EN 13892-2
Flexion strength after 7 days	>= 5,0 MPa	UNI EN 13892-2
Flexion strength after 28 days	>= 8,0 MPa	UNI EN 13892-2
Fire reaction	Efl	UNI EN 13501-1
Slip resistance	(19° < ?TOT <= 27°) Classe R11	DIN 51130:2014
Specific weight:	1,7 ÷ 2,0	Kg/l
Viscosity:	25.000 ÷ 40.000	cPs
pH:	7-8	
Weight solid:	81%	
Theoretical yeald:	0,9	kg/mq
Color:	Biawhite grey	
Aspect:	Opaco	
Packaging	0,750 – 3 - 15	Kg
Granulometry	0,5	mm

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

Do not apply outdoors if precipitation is expected within 24 hours of application. Do not apply MICROLOGGIA 5F at temperatures above 35 ° C and below 10 ° C. During the drying phases, never subject MICROLOGGIA 5F to direct or excessive artificial ventilation. Do not apply MICROLOGGIA 5F on surfaces or supports that are not perfectly clean or vacuumed. Never insert any extraneous product into the product and cycle. After each application of MICROLOGGIA 5F the following treatments can be carried out only after having verified the perfect drying of the previous layer. Never use MICROLOGGIA 5F if there are consistent lumps in the mixture due to the beginning of hardening. Avoid adding water or resin. The mixture must be disposed of in accordance with current waste regulations.

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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