

# MONOLITH GRANA FINE

## SCHEDA TECNICA

Revisione : 05/03/2024

Prodotto: **Monolith Grana Fine**

Categoria: Linea Impero

Azienda: Loggia

### **General Characteristics**

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MONOLITH GRANA FINE is formulated with special resins and three-dimensional fibers. With an excellent alkali resistance, it adheres perfectly to the treated surface. The product has excellent surface and foot traffic resistance

### **Application**

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Suitable for fine finishes for both ancient and modern environments of floors and walls inside homes, offices, shops and buildings

### **Preparation**

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### For concrete floors

Before starting make sure that a vapor barrier is provided and this to avoid rising dam; in case of doubt, carry out a measurement of the humidity in the floor which must not exceed 3%.



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



For concrete floors in good condition apply a coat of Microuniform and then one coat of PRIMER MONOLITH ATTAK. After 2 hours apply 2 coats of MONOLITH GRANA GRANDE at a distance of 4-6 hours and put a fiber net between the 2 coats like this: 1st coat of the product with the net, let dry and apply then the 2nd coat. The 1st coat must be neutral while the 2nd in the same color of the finish. After 4-6 hours apply one coat of MONOLITH GRANA MEDIA

### For tiled floors with very wide/deep joints till and 2 mm and/or with installations or traces of the same

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

On tiled floors it is recommended, but optional, to apply a coat of PRIMER MONOLITH ATTAK in order to facilitate the application of MONOLITH GRANA GRANDE. In this case it will be necessary to wait 4-6 hours before applying MONOLITH GRANA GRANDE. Then apply the two coats 4-6 hours apart and interposing a reinforcing fiber mesh between them. This operation must be carried out as follows: spread the first coat of product and down the mesh in it, once dry, apply the second coat. The first coat must be applied neutral; the second, of the same color as the finish. Finally, after 4-6 hours, apply a coat of MONOLITH grana media.

### 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 any imperfections with an appropriate mortar; sand and clean the surfaces. After sanding, remove any trace of mold by brushing off the efflorescence after having treated them with RISANARE CID and RISANARE STOP. After 6-8 hours apply a coat of PRIMER MONOLITH ATTAK; after 4-6 hours apply 2 coats of MONOLITH GRANA GRANDE inserting a fiber mesh. This operation must be carried out as follows: spread the first coat of product and down the mesh in it, once dry, apply the second coat. The first coat must be applied neutral; the second, of the same color as the finish. Finally, after 4-6 hours, apply a coat of MONOLITH grana media

## Application Methods

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Dilution: ready for use

Tools: stainless steel spatula

Sand the MONOLITH G.M. with 80 -120 abrasive paper before applying colored MONOLITH G.F., spreading it over the entire surface with a stainless steel spatula. The sanding operation of the MONOLITH GRANA MEDIA is recommended to be carried out between 8 and 24 hours after installing the latter.

Once the coat of MONOLITH G.F. has been applied, sand with 120 -180 paper. We recommend carrying out this operation between 8 and 24 hours after installing the latter. Wait a further 24 - 48 hours and finally protect with MICROVETRO BI matt 30 gloss or glossy. If you decide on a matt finish, it is recommended to first apply a coat of glossy MICROVETRO BI. For maximum protection we recommend applying three coats of MICROVETRO BI.

## Painting:

Specific weight:	1,7 ÷ 2,0	Kg/l
Viscosity:	30.000 ÷ 40.000	cPs
pH:	8-9	
Weight solid:	81%	
Theoretical yeald	0.250	mq/l
Packaging:	20 - 5	K
Aspect:	MATT	
Granulometry	0.1	mm

### PROPERTIES

The product can be colored with the tinting systems of the MAXXI and L'ANGELO OX lines.

It is advisable to mix different manufacturing batches of the same color with each other to avoid possible differences in shades during application

Temperature for application:	+10 ÷ +35	°C
Relative humidity of application:	< 85%	
Minimum thickness:	0,5	mm
Waiting time between subsequent coats at 20 ± 2 °C :	4-6	h
Repaintable after:	24	h
Dry in depth:	48	h
Tools cleaning:	WATER	
Walkability time:	72	h

Determinazione	Classificazione	Norma
Determination of the surface hardness	65 N/mm <sup>2</sup>	UNI EN 13892-6:2004
Determination of the bond strength	2,7 N/mm <sup>2</sup>	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
Slip resistance	(10° <=TOT <= 19°) Classe R12	DIN 51130:2014

## Storage:



The unopened product, stored intact in a dry and cool place, has a shelf 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 °.

Do not apply MONOLITH GRANA FINE at temperatures above 35 ° C and below 10 ° C.

- During the drying phases, never subject MONOLITH GRANA FINE to direct or excessive artificial ventilation.
- Do not apply MONOLITH GRANA FINE 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 MONOLITH GRANA FINE, the following treatments can be carried out only after having verified that the previous layer is perfectly dry.

## **Safety Precautions:**

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

## **Warnings**

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The information contained in this sheet is provided to the best of our technical knowledge. However, these indications and suggestions cannot be considered as a guarantee for the applicator, the conditions of use of the product being beyond our direct control. It is therefore advisable to ensure the suitability of the product to the specific case by prior tests.

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