

# MONOLITH GRANA MEDIA

## SCHEDA TECNICA

Revisione : 05/03/2024

Prodotto: **Monolith Grana Media**

Categoria: Linea Impero

Azienda: Loggia

### **General Characteristics**

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MONOLITH GRANA MEDIA is formulated with special resins and three-dimensional fibres. Excellent resistance to alkalis, adheres perfectly to the treated surface. The product has excellent surface and trampling resistance.

### **Application**

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

### **Preparation**

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For concrete floors:

Before starting work, make sure that a vapor barrier is installed to avoid rising damp. If in doubt, carry out a floor humidity measurement which must not exceed 3%. If present dirt, oil or non-stick product stains, clean the surface with specific detergents and ensure that they are perfectly neutralized before proceeding to the subsequent phases.

For concrete floors in good condition, apply a coat of MICROUNIFORM; then apply a coat of PRIMER MONOLITH ATTAK and, after approximately 2 hours, apply two coats of MONOLITH GRANA GRANDE 4-6 hours apart from each other placing a reinforcing fiber mesh between them. This operation must be carried out as follows: spread the first coat of product and drown the net in it. Once dry, proceed with the application of the second coat of MONOLITH GRANA GRANDE. The first coat of MONOLITH GRANA GRANDE must be applied neutral, the second of the same color as the finish.

For floors or tiles and with joints 2-3 millimeters deep/wide and/or in the presence of traces of installations:

If present dirt, oil or non-stick product stains, clean the surface with specific detergents and ensure that they are perfectly neutralized before proceeding to the subsequent phases.

On tiled floors it is 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 two coats of MONOLITH GRANA GRANDE 4-6 hours apart and placing a reinforcing fiber mesh between them. This operation must be carried out in the following way: spread the first coat of product and drown the mesh in it, once dry, proceed with the application of the second coat of MONOLITH GRANA GRANDE. The first coat of MONOLITH GRANA GRANDE must be applied neutral, the second of the same color as the finish.

For tiled floors with joints from 2 mm to 3 mm it will be necessary to apply three total coats of MONOLITH GRANA GRANDE: first coat, net drowning, then second and third coat. Alternatively, it is possible to apply MONOLITH GRANA EXTRA GRANDE as first coat and MONOLITH GRANA GRANDE as second coat.

For tiled floors with joints greater than 3 mm, the floor must be filled with Stucco P3D Floor. They are necessary 2 coats of product and the fiber mesh is needed in the preparation phase and not in the subsequent ones of the MONOLITH GRANA GRANDE.

For walls

Carefully clean the surfaces (walls and plasterboard) removing all impurities using abrasive paper. Remove flaking residues of old paint and, if necessary, fill and smooth the imperfections with an appropriate mortar; sand and clean the surfaces. Once sanding is complete, eliminate any traces of mold by brushing away the efflorescence after having treated them with Risanare Cid and Risanare Stop. If the surfaces are particularly absorbent, it is necessary to apply a coat of MICROUNIFORM before applying the Primer Monolith Attak. For substrates or for particularly chalky plasters we recommend using MICROPRIMER TECHNICAL SOLVENT instead of Microuniform. Wait 6-8 hours and apply a coat of PRIMER MONOLITH ATTAK, after 4-6 hours apply two coats of MONOLITH GRANA GRANDE 4-6 hours apart from each other and placing a reinforcing fiber mesh between them. This operation must be carried out in the following way: spread the first coat of product and drown the mesh in it, once dry, proceed with the application of the second coat of MONOLITH GRANA GRANDE. The first coat of MONOLITH GRANA GRANDE must be applied neutral, the second of the same color as the finish.



Dilution: ready to use

Tools: stainless steel spatula

Sand MONOLITH GRANA GRANDE with 60 - 80 - 120 abrasive paper, clean and apply a coat of colored MONOLITH GRANA MEDIA .

Apply a coat of MONOLITH GRANA MEDIA over the entire surface with a stainless steel spatula. We recommend sanding MONOLITH GRANA GRANDE 8 - 24 hours after its application.

Once the coat of MONOLITH GRANA MEDIA has been applied, proceed to sand it with 80-120 abrasive paper. We recommend carrying out this operation between 8 and 24 hours from its application.

Wait 24-48 and protect the surface with MICROVETRO BI matt, 30 gloss or glossy. If you choose the matt finish, it is recommended to apply a coat of glossy Microvetro BI before it.

For a greater protection we recommend applying 3 coats of Microvetro.

Application temperature:		°C
Relative humidity of application:		
Recommended thickness:		µm per coat
Dust dry:		h
Repaintable after:		h
Deep dry:		h
Tool cleaning:		

## Painting:



The product can be colored with the tintometric systems of the MAXXI and L'ANGELO OX lines. Reference folder MICROLOGGIA.

It is advisable to mix different manufacturing batches of the same color together to avoid possible differences in shade during application.

Specific weight:	1,7 ÷ 2,0	Kg/l
Viscosity:	50.000 ÷ 60.000	cPs
pH:	8-9	
Solid in weight:	81%	
Theoretical yield:	0,350	m <sup>2</sup> per coat/k
Colors	MICROLOGGIA COLOR DECK	
	MATT	
Pack	5 -20	k
Metal effect colors	SILVER - BRONZE - BRASS - COPPER	
Granulometry	0,2	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

Properties		
Determination	Classification	Norme
SUPERFICIAL HARDNESS DETERMINATION	65 N/mm <sup>2</sup>	UNI EN 13892-6:2004
ADHESION STRENGTH	2,7 N/mm <sup>2</sup>	UNI EN 13892-8:2004
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
SLIPPERY RESISTANCE	(10° < ?TOT <= 19°) Classe R12	DIN 51130:2014

## **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.

### IMPORTANT INFORMATION

- Do not apply the MONOLITH G.M. with temperatures above 35°C and below 10°C.
- During the drying phases, never subject MONOLITH G.M. to direct or excessive artificial ventilation.
- Do not apply MONOLITH G.M. on surfaces or supports that are not perfectly clean or vacuumed
- Never insert any foreign product into the product or into the cycle.
- After each application of MONOLITH G.M., subsequent treatments can only be carried out after having verified the perfect drying of the previous layer.
- Apply MONOLITH G.M. respecting the indicated thicknesses, which must never be greater than the thickness given by the grain size of the product. Higher thicknesses could lengthen the drying times and/or reduce the mechanical resistance characteristics and in some cases give rise to superficial lesions.

## **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 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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**BVQI certified company for the UNI EN ISO 9001-2000 quality system.**