

# MONOLITH GRANA GRANDE

## **SCHEDA TECNICA**

Revisione : 31/03/2023

Prodotto: **Monolith Grana Grande**

Categoria: Linea Impero

Azienda: Loggia

### **General Characteristics**

MONOLITH GRANA GRANDE 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 foot traffic resistance.

### **Use**

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

### **Preparation of the surface**



### For concrete floors

Before starting work, make sure that a vapor barrier is provided to prevent rising damp. If in doubt, measure the humidity of the floor which should not exceed 3%. In presence of dirt, oil or non-stick product stains, act on the support mechanically or with the specific detergents and finally make sure they are perfectly neutralized before proceeding to the next steps.



For concrete floors in good condition apply a coat of Fissacril diluted 1:1 or 1:3, depending on the absorption of the substrates. Then apply a coat of PRIMER MONOLITH ATTAK and, after about 2 hours, apply two coats of MONOLITH GRANA GRANDE 4-6 hours apart, placing a reinforcing fiber mesh between them. This operation must be carried out as follows: apply 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 deep/wide joints up to 2 mm and/or in the presence of traces of systems

In case of dirt, oil or non-stick product stains, act on the support mechanically or with the specific detergents and finally make sure they are perfectly neutralized before proceeding to the next 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 that must be applied in 2 coats at a distance of 4-6 hours apart, interposing a reinforcing fiber mesh between them. This operation must be carried out as follows: apply the first coat of product and drown the mesh in it. Once dry, proceed with the application of the second coat. The first coat must be applied neutral, the second one in the same color as the finish.

**For tiled floors with joints from 2 mm to 3 mm** it will be necessary to apply three coats of MONOLITH GRANA GRANDE: after the first coat first put the net, apply then the second coat and finally the third coat.

Alternatively, it is possible to apply MONOLITH GRANA EXTRA GRANDE as the first coat and MONOLITH GRANA GRANDE as the second and last coat.

**For tiled floors with joints greater than 3 mm** the floor must be grouted with STUCCO P3D FLOOR. Two coats of product will be required, it will be necessary to insert the fiber mesh in this preparative phase and not in the subsequent phases of MONOLITH G. G..

### For walls

Thoroughly clean the surfaces (walls and plasterboards) by removing all impurities using abrasive paper. Remove flaky residues of old paint and, if necessary, fill and smooth imperfections with an appropriate mortar; sand and clean surfaces. After sanding, remove any traces of mold by brushing off the efflorescence after having treated it with Risanare Cid and Risanare Stop. 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 and interposing a reinforcing fiber mesh between them. This operation must be carried out as follows: spread the first coat of product and drown the mesh in it, once dry, apply the second coat of MONOLITH. The first coat of MONOLITH GRANA GRANDE must be applied neutral, the second of the same color as the finish.

## Application Methods

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Dilution: ready to use.

Tools: stainless steel spatula.

MONOLITH GRANA GRANDE is normally used as a first and second coat in preparation for subsequent finishing applications with MONOLITH GRANA MEDIA and, depending on the desired effect, also with MONOLITH GRANA FINE. Before laying MONOLITH GRANA MEDIA it will be necessary to sand MONOLITH GRANA GRANDE. We recommend to carry out sanding between 8 and 24 hours after laying the latter.

## Painting:

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

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

## Technical Characteristics

Temperature of application:	+10 ÷ +35	°C
Relative humidity of applicat:	< 85%	
Minimum thickness:	0,5	mm
Waiting time between successive coats at 20 ± 2 °C :	4-6	h
Repaintable after:	24	h
Deep dry:	48	h
Tools cleaning:	water	
Walkability time:	72	h

Specific weight:	1,7 ÷ 2,0	Kg/l
Viscosity:	30.000 ÷ 40.000	cPs
pH:	8-9	
Solid in weight:	81%	
Theoretical yield:	0,9	Kg/m2 per coat/floor with joints and mesh
Aspect	Opaco	
Packs:	5 - 20	Kg
Granulometry:	0,6	mm

<b>Properties</b>		
Determination	Classification	Regulations
Determination of surface hardness	65 N/mm <sup>2</sup>	UNI EN 13892-6:2004
Determination of adhesion strength	2,7 N/mm <sup>2</sup>	UNI EN 13892-8:2004
Determination of wear resistance-BCA	Max 50? Class AR 0,5	UNI EN 13892-4:2005
Impact resistance	12,5 N/m Class II	UNI EN ISO 6272-1:2013
Slip resistance	(19° < ?TOT <= 27°) Class R11	DIN 51130:2014

## **Storage:**

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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

### **IMPORTANT INFORMATION**

- Do not apply MONOLITH GRANA GRANDE at temperatures above 35°C and below 10°C.
- During the drying phases, never subject MONOLITH GRANA GRANDE to direct or excessive artificial ventilation.
- Do not apply MONOLITH GRANA GRANDE on surfaces that are not perfectly clean or vacuumed.
- Never insert any product unrelated to it into the product and cycle.
- After each application of MONOLITH GRANA GRANDE the subsequent treatments can be carried out only after having ascertained that the previous layer is perfectly dry.
- Apply MONOLITH GRANA GRANDE respecting the thicknesses indicated, which must never be greater than the thickness given by the granulometry of the product. Greater thicknesses could lengthen the drying times and/or reduce the mechanical resistance characteristics and in some cases give rise to superficial cracks.

## **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 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.**