

BIPLASMA 3D

SCHEDA TECNICA

Revisione : 07/09/2023

Prodotto: **Biplasma 3d**
Categoria: Plasma 3D
Azienda: Loggia

General Characteristics

Plasmable two-component plastic coating for interiors formulated with special binders, thickeners and inert fillers. With the addition of metal powders it transforms each surface into a noble metal that the applicator can shape according to his own creativity to obtain glossy material finishes in metal foil.

Application

Suitable for spatulated floors and walls both of small or large surfaces. BiPlasma 3D is suitable for the internal finishing of ancient, modern and classic buildings, shops, luxury hotels to which you want to give elegance and decorative originality for floors and walls.

Surface Preparation



FLOORS AND TILES: For a perfect seal of BiPLASMA 3D on matt, semi-glossy or glossy tiles, roughen the surface by sanding with specific sandpaper or sander, then, to eliminate any unevenness due to the joints, insert a fiber mesh when applying STUCCO P3D FLOOR and sand; apply PRIMER P3D FLOOR, wait 4-6 hours and apply a coat or two of INTERMEDIAL P3D FLOOR in the color chosen among the 800 available in BiPLASMA 3D color reference swatch. It can also be applied to floors with underlying heating; the temperature of the surface of the screed is around 29-35°C and does not compromise the seal and adherence of the product.

WALLS: Proceed with an adequate preparation of the surface by means of P3D WALL plaster putty paste; 12 hours after applying the skim coat, smooth the surface with abrasive paper (a P150 type grit is recommended); sand, eliminate dirt and dust and apply a coat of PRIMER P3D WALL and, after 4-5 hours, one or two coats of INTERMEDIAL P3D FLOOR in the color chosen from the 800 available in BiPLASMA 3D color reference swatch .

Application Methods



a) BIPLASMA 3D

- Mix component A with component B at 10%

Wait 2 - 3 minutes after having mixed the product before applying it.

Prepare the surface and 4 – 6 hours apply the first coat of BiPlasma 3D with a stainless steel trowel spatulating the surface evenly.

Wait for 4-6 hours and apply the second coat and if necessary a third coat.

After 24 hours sand the floor with 500 – 800 -1000 grits until a semi-gloss floor is obtained.

The product can be colored with the tinting systems of the L'ANGELO 4OX line.

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

b) BIPLASMA 3D metal effect

1st step - Mix the BIPLASMA 3D METAL BASE D/A + BIPLASMA 3D METAL (METALLIC POWDER)) in a ratio of 1: 1.5 by weight with a mechanical mixer fitted with a spiral, until completely mixed.

2nd step - Gradually add BIPLASMA 3D PART B (CATALYST) under continuous mechanical stirring until obtaining a homogeneous mixture without lumps, add 10% of water and mix.

The mixing of components cannot be done manually.

APPLICATION: Apply a coat of BIPLASMA 3D metal effect with a stainless steel trowel leaving a thin layer. After 1 hour proceed with the application of a second coat drawing the surface with special tools to create the desired texture (the product lends itself to the creativity and imagination of the applicator).

Be careful to close the container between one hand and the other.

Between the different coats it is possible to sand with 320 grit.

After about 24 hours proceed by sanding and polishing using roto-orbital sanders equipped with suction. This operation must be done starting with the use of coarse-grain abrasive discs and then gradually moving on to higher grains until finishing with polishing with Polish.

It is recommended to use the following sequence of discs: 320 - 600 - 800-1000-3000-6000 S

It can be dry-sand by passing a damp cloth between one coat and the next. Consult the BIPLASMA 3D METAL technical data sheet for more information.

It is possible to obtain metallic shades by applying the BIPLASMA 3D metal effect on applications of BIPLASMA 3D that are not yet dry

To give protection to BIPLASMA 3D use:

1) BI-GLOSSY /30 GLOSS/MATTE MICRO GLASS

2) CRISTALLO LIQUIDO

3) BICERA 2K

Warnings: For the waiting times before applying the protective products, consult the relevant technical data sheets.

Application temperature:	+20 ÷ +35	°C
Relative humidity of application:	<= 50%	
Recommended thickness:	0,5 ÷ 1,5	µm per coat
Dust dry:	2 - 4	h
Deep dry:	12 - 24	h
Tool cleaning:	WATER	

Specific weight:	1.55	Kg/l
Viscosity:	pasty	cPs
pH:	7 - 8	
Solid in weight:	62%	
Colors	Mazzetta maxx 2, Angelo OX4	
Theoretical yield:	It varies according to the effect created	mq/l
Metal Effect Colors:	Silver, Copper, Bronze, Brass	
Appearance:	Glossy plastic	
Biplasma parte A:	0.5 - 1 - 2.5 - 5	
Biplasma parte B	0.050 - 0.100 - 0.250 - 0.500	

Storage:



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

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.

Specification items

Mouldable glossy decorative coating. Preparation of the substrate as recommended for walls or floors. Application of a coat of BiPLASMA 3D in the amount required to obtain a suitable dry film thickness. Everything must be done in compliance with the application rules, with a cost of € per square meter including material and installation.

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