



**LOGGIA**  
industria vernici

TECHNICAL DATA SHEET

Revisione: 20 novembre 2019



## BiPlasma 3D

Two-component moldable decorative coating.

### General Characteristics

---

- Product:** Moldable plastic coating for two-component interior formulated with special binders, thickeners and inert fillers.  
With the addition of metal powders it transforms every surface into a metal noble that the applicator can shape according to his own creativity to obtain shiny metallic finishes in metallic foil.
- Use:** Suitable for tiled floors and walls, both small and large surfaces.  
BiPlasma 3D is indicated for the internal finishing of ancient, modern and classic buildings, commercial establishments, luxury hotels to which you want to confer elegance and decorative originality for floors and walls

### Application

---

**FLOORS AND TILES:** For a perfect hold of the BiPLASMA 3D on opaque, semi-gloss or glossy plates roughen the surface with specific paper or grinder. Then, to eliminate any height difference due to the joints, use a fiber-reinforced net that must be inserted at the moment of the application of the STUCCO P3D FLOOR and go on by sanding the surface.

Then pass PRIMER P3D FLOOR. Wait 4-6 hours

and apply one coat or two coats of INTERMEDIAL P3D FLOOR in the chosen color among the 800 present in the reference color swatch BiPLASMA 3D. It can also be applied on heated floors below; the surface temperature of the screed is around 29-35 ° C and does not compromise the seal and the adhesion of the applied product.

**WALLS:** Proceed with an adequate preparation of the surface by means of a stucco paste P3D WALL; after 12 hours after smooth the surface with abrasive paper (we recommend a P150 grit type). After sanding, removing any dirt or dust, apply a coat of PRIMER P3D WALL and, after 4-5 hours, apply one or two coats of INTERMEDIAL P3D FLOOR in the chosen color among the 800 present in the BiPLASMA 3D reference color swatch..

### Technical application indications

- a) 3D BIPLASMA - Mix component A with component B at 10%, wait for 2 - 3 minutes after curing the product before applying it.
- After 4 - 6 h. from the preparation of the surface, apply the first coat of BiPlasma 3D with a stainless steel trowel, spreading the surface evenly.
- After 4-6 hours apply the second coat and if necessary a third coat.
- After 24 hours sand the floor with 500 - 800 -1000 grits until obtaining a semi-gloss floor .

The product can be colored with L'ANGELO 4OX color system. It is appropriate to mix different batches of the same color in order to ensure color uniformity during application e.

b) BIPLASMA 3D metal effect:

1st step - Mix the 3D BIPLASMA METAL BASE D / A + BIPLASMA 3D METAL (METALLIC POWDER) with a mechanical mixer equipped with a spiral.

2nd step: Add gradually and under continuous mechanical agitation BIPLASMA 3D PART B (CATALYST) until a homogeneous and lump-free mixture is obtained, add 10% of water and mix.

Component mixing cannot be performed manually.

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

Pay attention to close the canr between one hand and the other

Between one coat and the other it is possible to sand with 320 grit.

After about 24 hours proceed by sanding and polishing using suction-rotary orbital sanders. This operation must be done starting with the use of coarse-grained abrasive discs and gradually shif to higher grains.

**We recommend using the following sequence of disks:**

320 - 600 - 800- 1000-3000-6000

The surface can be sand by passing a damp cloth between one coat and the other. Refer to the BIPLASMA 3D METAL data sheet for more information

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

To confer protection to the **BIPLASMA 3D please use:**

**1) MICROVETRO BI LUCIDO /30 GLOSS/OPACO**

**2) CRISTALLO LIQUIDO**

**3) BICERA 2K**

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

Temperature of application:	+20 ÷ +35	°C
Relative humidity for application:	<= 50%	
Dry film thickness:	0,5 ÷ 1,5	mm per coat
Touch dry:	2 - 4	h (at the temperature and humidity conditions given above)
Completely cured:	12 - 24	H
Cleaning tools:	12 - 24	H
	water	

## Technical characteristics

density:	1,55	Kg/l	
Viscosità:	pastoso		
pH:	7-8		
Weight solid:	62%		
coverage	12 – 13	mq/Kg per coat	
Coverage of the metal effect	0,250 -0,300	mq/Kg per coat	
Colors	colors 4OX		
Metal effect colors	Silver, bronze, brass, copper		
Aspetto:	brilliant plastic		
BiPlasma 3D	Parte A Parte B	0,5 - 1 – 2,5 - 5 0,050 - 0,100 – 0,250 - 0,500	Kg

## Storage



Shelf-life: 2 years in original tightly closed containers away from direct sunlight and excessive heat.

The can should be resealed and stored tightly closed to prevent evaporation of the product and entry of air. Store it upside down after use.



Min storage temperature: +5°C (41°F)

Max storage temperature: +30°C (86°F)

## Safety precautions

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

## Items of specifications

Glossy malleable decorative coating. Preparation of the support as recommended for walls or floors. Application of a coat of BiPLASMA 3D in the quantity required to obtain a suitable dry film thickness. Everything must be carried out in compliance with the rules of application, with a cost of € ..... per square meter including material and installation.

## Warnings

The information contained in this form is provided to the best of our technical knowledge. However, these indications and suggestions cannot guarantee 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 in the specific case with preliminary tests.

**Loggia Industria Vernici S.r.l.** Via Colle d'Alba di Levante – 04016 B.go S. Donato - Sabaudia (LT) – ITALY

Tel. (+39) 0773 562212, Fax (+39) 0773 562034. [www.loggia.it](http://www.loggia.it), E-mail [commerciale@loggia.it](mailto:commerciale@loggia.it).

**Azienda certificata BVQI per il sistema di qualità UNI EN ISO 9001-2000.**