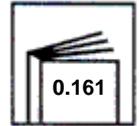




**LOGGIA**  
industria vernici

# TECHNICAL DATA SHEET

Revision: 26 settembre 2019



## Plasma 3D FUSION

Mouldable, metallic decorative effect.

### General Characteristics

---

- Composition:** PLASMA 3D FUSION is a moldable plastic decorative refinish with a metallic effect that can be applied both smooth or with a different thickness. It is formulated with special synthetic resins, additives and inert charges that make it resistant to solicitations. This product can have many different effects, according to the working tools used, such as Viper, Crocodile, Wood, Marble, Granite **Plasma 3D FUSION** can be applied on INFINITO (when dried) and on **Plasma 3D (with spatula effect)**.
- Use:** Suitable for the internal finishing of ancient, modern and classic buildings, commercial establishments, hotels... to give elegance and decorative originality to walls, furniture, doors and various surfaces.

### Preparation

---

**Surface preparation:**



**WALLS:** prepare the surface by using the paste putty: Stucco in pasta P3D WALL; after 12 hours use abrasive paper to sand the surface and make it smooth (recommended grain type P150). Remove any trace of dust and dirtiness before and apply 1 coat of PRIMER P3D WALL, after 4-5 hours proceed by applying 1-2 coats of UNIVERSAL PRIMER

**SUPERFICI VARIE** apply 1-2 coats of UNIVERSAL PRIMER

### Product Application

---

**Methods:**

*Stainless steel spatule ,trowels, rollers and brushes:*



**VIPER EFFECT:** Dilute with water at 5-10% (max 5% in cold season). Apply 1 coat of Plasma 3D FUSION uniformly by brush. Smooth it out by stainless trowel to obtain the desired thickness. Work it immediately with a proper roller in a vertical or horizontal way. Once almost dry shave it with a stainless spatula and shine it with cloth or polisher. For major protection and water resistance after 12-48 hours apply 1 or 2 coats of CLEAR<sup>1</sup>.



**CROCODILE EFFECT:** Dilute with water at 5-10% (max 5% in cold season). Apply 1 coat of Plasma 3D FUSION uniformly by brush. Smooth it out by stainless trowel to obtain the desired thickness. Work it immediately with a proper roller in a vertical or horizontal way. Once almost dry shave it with a stainless spatula and shine it with cloth or polisher. For major protection and water resistance after 12-48 hours apply 1 or 2 coats of CLEAR<sup>1</sup>.



**GRANITE EFFECT:** Dilute with water at 10%-15% (max 5%-10% in cold season). Apply 1 coat of Plasma 3D FUSION uniformly by brush. Smooth it out by stainless trowel to obtain the desired thickness. Work it immediately with a proper roller in a vertical or horizontal way. Once almost dry shave it with a stainless spatula and shine it with cloth or polisher. For major protection and water resistance after 12-48 hours apply 1 or 2 coats of CLEAR<sup>1</sup>.



**MARBLE EFFECT:** Dilute with water at 5% (the product is ready to use in the cold season.) Apply 1 uniform coat of Plasma 3D FUSION by brush and work it immediately after by apposite buffer choosing between vertical or horizontal direction. Level it immediately by stainless trowel. Once almost dried polish it with stainless trowel obtaining Marble 3D effect and shine it by cloth or flex machine. For major protection and water resistance apply, after 12-48 hours, 1-2 coats of CLEAR<sup>1</sup>.



**WOOD EFFECT:** Dilute with water at 20-25%. Apply 1 uniform coat of Plasma 3D FUSION by brush working it immediately by apposite buffer. After 6-8 hours shave it to obtain 3D effect. After that shine it with cloth or flex machine. To obtain more protection and water resistance apply, after 12-48 hours, 1-2 coats of CLEAR<sup>1</sup>.



**MULTITONE EFFECT:** Apply 1 coat of Plasma 3D FUSION (without thinning) with a stainless trowel all over the surface. Apply 4 or 5 coats of different colors avoiding to shine the surface to soon. Wait for 4-6 hours between the several coats. Once almost dried, polish the surface with stainless trowel and shine it after with cloth or flex machine. For more protection and water resistance apply after 12-48 hours 1-2 coats of CLEAR<sup>1</sup>.

**For the 'waiting times' before the application of the glazing/clear consult the relevant technical data sheets**

(1) MICROVETRO 1K H<sub>2</sub>O and, to obtain more resistance: MICROVETRO MONO H<sub>2</sub>O.

**Warnings:**

Plasma 3D FUSION is NOT suitable for application on floors, in this case we recommend the use of Plasma 3D I MARMI“

Temperature of application:	+20 ÷ +35	°C
Relative humidity for application:	<= 50%	
Dry film thickness:	0,5 ÷ 1,5	mm per coat
Touch dry:	4 - 6	h (at the temperature and humidity conditions given above)
Completely cured:	48 - 72	H
Apply clear after:	12 - 48	H
Cleaning tool	48 – 72	H
	With water	

**Colouring**



The product can be colored with L'ANGELO 40X color system.

It is appropriate to mix different batches of the same color in order to ensure color uniformity during application.

## Technical properties

---

Density:	1,6 ÷ 1,7	Kg/l
Viscosity:	pasty fluid	
pH:	7-8	
Weight Solids:	62%	
Coverage:	3 – 5	mq/Kg
Color:	Color system 4OX	
Gloss level:	Glossy, plastic	
Pack size:	1 - 5	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

---

Refer to the Material Safety Data Sheet before use.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects. For more information about how to remove old lead paint safety contact your local health authority.

## Summary

---

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

## General Information

---

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **Loggia Industria Vernici S.r.l.** takes no responsibility for the results obtained through the use of this product in as much as it is not possible for **Loggia Industria Vernici S.r.l.** to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.

**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)

**Company with Certified Quality System by BVQI according to UNI EN ISO 9001:2000**