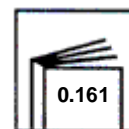




TECHNICAL DATA SHEET

Revisione: 17 Novembre 2014



Plasma 3D

Mouldable decorative effect.

General Characteristics

- Composition:** PLASMA 3D is moldable plastic decorative refinish for indoors made of special synthetic resins, additives and inert charges what makes it very resistant to solicitations. PLASMA 3D is able to have many different effects depends of the working tools as Viper, Crocodile, Wood, Marble, Granit as well as beautiful mutitone effect.
- Recommended Usage:** **PLASMA 3D** is recommended as decorative refinishing for indoors, walls and floors of modern and antiques buildings, shops and hotels when is necessary to obtain elegance and originality at the same time..

Preparation

Surface preparation:



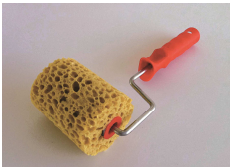
WALLS: Make a proper surface preparation starting with paste or powder putty (As FLYSTUK) and sand it after 12 hours with sand paper (recommended grain type P150). Remove the dust and dirtiness before to apply 1 coat of PRIMER P3D WALL and after 4-5 hours proceed applying 2 coats of UNIVERSAL PRIMER colored with one of 800 colors from PLASMA 3D color chart.

FLOORS AND TILES: To obtain a perfect adhesion of PLASMA 3D on glossy, semi-gloss or mat tiles is necessary sand the surface to make it rough by special sanding paper or machine. Proceed filling up tiles leaks with STUCCO P3D ALTO SPESSORE in 2 coats to level completely the surface. Sand it after. Once clean well from dust and dirtiness apply 1 coat of INTERMEDIAL P3D FLOOR colored in one of 800 colors of PLASMA 3D color chart.

Product Application

Methods:

Stainless steel spatule ,trowels, rollers and brushes:



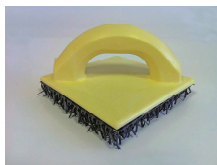
VIPER EFFECT: Tinning with water at 5-10% (max 5% in cold season). Apply 1 coat of Plasma 3D uniformly by brush. Smooth it out by stainless trowel to obtain desire thickness. Work it immediately by apposite roller in vertical or horizontal way. Once almost dry shave it with stainless spatula and shine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



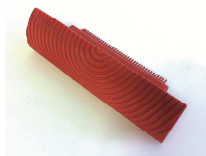
CROCODILE EFFECT: Tinning with water at 5-10% (max 5% in cold season). Apply 1 coat of Plasma 3D uniformly by brush. Smooth it out by stainless trowel to obtain desire thickness. Work it immediately by apposite roller in vertical or horizontal way. Once almost dry shave it with stainless spatula and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



GRANIT EFFECT: Tinning with water at 10-15% (max 5%-10% in cold season). Apply 1 coat of Plasma 3D uniformly by brush. Smooth it out by stainless trowel to obtain desire thickness. Work it immediately by apposite roller in vertical or horizontal way. Once almost dry shave it with 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.



MARBLE EFFECT: Tinning with water at 5% (product is ready to use in a cold season.) Apply 1 uniform coat of Plasma 3D 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 shine 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.



WOOD EFFECT: Tinning with water at 20-25%. Apply 1 uniform coat of Plasma 3D by brush working it immediately by apposite buffer. After 6-8 hours shave it with trote obtaining 3D effect. After that shine it with cloth or flex machine, For major protection and water resistance apply after 12-48 hours 1-2 coats of CLEAR.



MULTITON EFFECT: Apply 1 coat of Plasma 3D without tinning with stainless trowel over all surface. Apply 4 or 5 coats of different colors avoiding to shine it immediately. Attend 4-6 hours between the coats. Once almost dried, shave a surface with stainless trowel and shine it after with cloth or flex machine. For major protection and water resistance apply after 12-48 hours 1-2 coats of CLEAR.

¹ **Warnings:** As regards timing for clear application, refer to the related Technical data sheets. Apply 1K H2O clear to protect Plasma 3D on the walls, while for the floors use POLYURETHANE CLEAR H2O or EPOXY BECLEAR 2K H2O. **Warnings:** Avoid application of EPOXY BECLEAR 2K H2O on PLASMA 3D in white color or almost white because of yellowing possibility. In this case apply first 1 coat of 1K H2O clear and after 24 hours proceed with Epoxy clear.

Warnings:

- If the floor was protected with Epoxy clear, before to wash it with water, clean a small part of surface by damp cloth to verify if it becomes matt. In a fact a process of epoxy clear hardening is quite long (1-2 months) and the water could cause matting.

In a case of listed inconvenience and the clear results matt, it is possible to apply another coat of Epoxy clear over after couple of days in order to allow that moisture evaporates, possibly warming the room. Sand the suface before with very fine sanding paper (type SCOTCH BRITE).

Temperature of application:	+20 ÷ +35	°C
Relative humidity for application:	<= 50%	
Dry film thickness:	0,5 ÷ 1,5	mm per mano
Touch dry:	4 - 6	h (alle condizioni di temperatura e umidità date sopra)
Completely cured:	48 - 72	H
Recoatable after:	12 - 48	H
Cleaning tools:	by water	H

Colouring



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.

Technical Properties

Density:	1,6 ÷ 1,7	Kg/l
Viscosity:	pasty fluid	
pH:	7-8	
Weight Solids:	62%	
Coverage:	3 – 5	m ² /Kg
Color:	Color system 4OX	
Gloss level:	Glossy	
Pack size:	1 - 5	Kg

Storage



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

Close it tightly after use and store it upside down.



Min storage temperature: +5°C (41°F)

Max storage temperature: +30°C (86°F)

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