

Waterborne Armored Floor Graphene Protech

Acrylic paint developed with graphene nanotechnology, offering the highest PEI* and highest COF* in the paint market. Its composition forms an excellent physical shield providing greater durability and less surface wear, even with high intensity foot traffic. It has high resistance to weathering, offering excellent protection against UVA and UVB rays.

Ultra Premium floor paint is 60% more resistant than conventional floor paints to wet abrasion with abrasive paste and has less dirt pick up.

*According to ABNT NBR ISO 10545:2017 (PEI), ABNT NBR 16919/2020 (COF).

And it complies with ABNT NBR ISO 10545/2020 - Part 13 and ABNT NBR ISO 10545/2017 part 14 and ABNT NBR 11702 of type 4.5.14.

RECOMMENDATIONS FOR USE

It is indicated for painting and repainting external and internal surfaces of fiber cement, concrete, and ceramic floors with a matte finish.

BASIC PROPERTIES

Finishing	Matte
Solids by Mass	43.25% ± 2
Solids by volume	33% ± 2
VOC	8.96 g/L
Specific Weight at 25°C	1.28 g/cm ³ (approximate value)
pH	8.8 – 9.5
Flash Point	Not applicable
Storage time	24 months
Toxicity	See the MSDS
Type of packing	3.6 L and 16 L

INFORMATION FOR APPLICATION

Recommended number of coats	3 coats
Thickness per coat:	Wet film thickness – 80 to 110 µm Dry film thickness – 30 to 45 µm

This information represents the best of our knowledge at the time of publication. We remind you that the good final result of the application of the products depends on factors that are beyond our control and that concern surface preparation and the applicator's technical knowledge. The company reserves the right to change these specifications without notice.

Theoretical yield: Up to 18 m² finished/3.6 L
Up to 80 m² finished/16 L
Obs. On sealed surface; may vary depending on surface conditions

Dilution: New burnt cement, repainting or ceramic floor dilute 10% with drinking water.
New unburned cement, asbestos cement or concrete dilute 1st coat: 30% other: 10%

DRYING

Temperature	25°C
To Touch	2 hours
Handling/Repainting	4 hours
Final	12 hours

Notes: Do not paint on rainy days, temperatures below 10°C or above 35°C and humidity above 80%. Do not paint on days with very strong wind, because it can carry dust or other particles suspended in the air into the paint. Raindrops can stain recent paintings (up to 30 days). If this happens, wash with plenty of water without rubbing. The immediate contact with the floor after the application of the product can cause damage to the paint. We recommend waiting 48 hours before using it for foot traffic and at least 72 hours for vehicle traffic. Because it is an anti-slip paint, the marks left by footwear, vehicle tires, and furniture can be difficult to remove. Do not clean with a dry cloth, as this may polish the surface. The painted surface can only be washed (cleaned) 30 days after its application. The painted surface must be cleaned with water and neutral detergent, a soft sponge or cloth. Cleaning should be gentle and over the entire painted surface to avoid staining or paint removal problems. Do not clean with a dry cloth, as this may polish the surface. Fading may occur in some colors, depending on the combination of pigments used, however, without causing any problems to the integrity of the ink film.

SURFACE PREPARATION - ABNT NBR 13.245 Standard

The surface must be dry, firm and dust-free, free of contaminants such as oils, salts, grease, fats, dust, etc., properly applied with a recommended primer.

Loose or poorly adhered parts should be scraped and/or brushed.

On aged paint, sand superficially, leaving the surface shine-free, and remove loose particles. Before you start painting, observe the following instructions:

TYPE OF SURFACE	TREATMENT
New unburned cement/fiber-cement/concrete	Wait for drying and curing (minimum 28 days). Apply Anjo Wall Primer (see product dilution).

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Burnt cement or machined concrete	Prepare a solution of muriatic acid in the ratio of 2 parts water to 1 part acid. Leave to act for 30 minutes and rinse with plenty of water. After complete drying, apply a coat of 1:1 Epoxy Sealer, wait for 16 to 24 hours to dry and start painting. (If the sealer's drying time exceeds 24 hours, the surface must be sanded).
Floor (unglazed ceramic) and deep imperfections	Fix with mortar and wait for curing (minimum 28 days).
Surfaces with loose or poorly adhered particles	Scrape and/or brush the surface eliminating loose parts. Apply Anjo Wall Primer (see product dilution).
Grease or fat stains	Wash with water and detergent, rinse, and wait for it to dry.
Moldy parts	Wash with bleach and water in a 1:1 ratio, rinse, and wait for it to dry.

APPLICATION METHOD

Brush - Touch ups and other finishing touches where the roller cannot reach.

Sheep's wool roller - low hair (needs additional coats to reach the desired thickness)

Antigone synthetic wool roll - 10 mm.

APPLICATION INSTRUCTIONS

Before starting any painting work you must always pay attention to the following procedure:

Sanding: sand the surface, removing loose parts and promoting greater adhesion to the product that will be applied next.

Cleaning: Cleaning must be done with a cloth or a broom to remove dust from the surface and ensure adherence of the product that will be applied to the surface.

Sealing: Using primers standardizes the absorption of the surface, and significantly improves the performance of the product that will be applied.

Homogenizing: it is necessary to fully mix of all components, as well as the dispersion of pigments. Since the product will be stopped in stock, this operation is indispensable for the characteristics to remain unchanged.

Diluting: dilution must follow the recommended instruction for the product to offer excellent performance such as: coverage, yield, leveling, and application.

Applying: always pay attention to loose or poorly adhered parts of the substrate; in these cases, the recommendations for surface preparation must be followed.

In the case of cutouts, always make the cutout first with a brush, and then proceed with the roller. Roller application should be done following the process of: applying in M, turning the application in the direction of W.

RECOMMENDED PRIMERS

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Wall primer

For others, please contact our Technical Department

SAFETY RECOMMENDATION

- Store the product in sheltered, ventilated environments with a maximum temperature of 40°C.
- When applied the product emanates vapors that must be avoided with the correct use of PPE, such as masks and respirators, maintaining good ventilation during application.
- Avoid skin contact by using gloves, goggles, suitable clothing, protective creams, etc.
- Keep away from children and animals.

COMMENTS

To provide and ensure the quality of the products, it is essential to use our complete Anjo painting system (primers, fillers, thinners, and finishes) following the instructions contained on the packaging or in the technical bulletin.

Do not store the diluted product. Do not use different lots to resume paintings, as there may be a change in tone and finish.

The product's performance depends on the type of surface and the painting system to be used, the thickness applied, the application method and technique, the type and roughness of the substrate and environmental conditions, etc.

Usually with 2 or 3 coats you can get a great result, but depending on the porosity of the floor, the chosen color, or the condition of the floor, you may need more coats.

The values found for the specific weight and drying tests (with the specified thickness) were obtained in the laboratory at a temperature of 25°C. With temperatures different from the one mentioned, the values established above tend to be different from those specified.

The instructions contained in this report are based on our experience and technical knowledge; however, some factors are beyond our control as a manufacturer, such as: surface preparation, application, working conditions, etc.

The use of solvents other than those specified without prior approval from Anjo may affect the performance of the product and void the product warranty.

We assume no responsibility for damage to property or persons caused by misuse of the information contained in this bulletin and of the products mentioned.

This newsletter is subject to change without notice.