

GrafClean Ag+ Premium

Version: March-20

GrafClean Ag+ Premium is an Ecological & Natural paint for interior and exterior use with a matt white finish. Contains silver ion (Ag+) which provides antimicrobial properties and prevents the development of bacteria, fungi, viruses and protozoa. Free of toxic substances and breathable. It is indicated for areas with high hygienic standards such as hospitals, day-care centers, schools and clinics. Made with Graphenstone technology, providing resistance and durability.

PRODUCT DESCRIPTION

Características:

Good washability.
Antimicrobial effect.
High covering power.
Matte finish.
Contains Graphenstone technology: graphene sheets conformed by carbon fibres.
Breathable.
High adherence, resistance and durability.
Excellent flexibility. Does not crack.
Free of VOC emissions.

Technical properties:

Specific weight	
· White	1.64 ± 0.05 g/cm ³
pH	10 ± 1
Viscosity	[80-120] U.K.
Solid content	68.5 ± 5 %
Washability	Class 1
Nature	VOC and APEO free emulsion
Appearance	Dense liquid
Finish	Matt
VOC content	< 1 g/l

Yield:

5-8 m²/l (2 coats). It depends on the type and condition of the substrate, as well as the tools used. The exact consumption should be determined by making an on-site sample.

Colours

White matte and pastel colours.

Format:

Available in buckets of 1 l, 4 l and 15 l.

Storage:

Store in original, closed bucket in a cool, dry place. Preserve from frost and avoid direct sun exposure. Unopened, it is guaranteed a minimum conservation

of 36 months from the manufacturing date. The product may thicken without losing its properties; shake well before use.

APPLICATION INSTRUCTIONS

Application surfaces:

Plaster, gypsum, rendering, old paints, plasterboard, non-plastified wallpaper and brick.

Conditions of the substrate:

The substrate must be dry, firm, well adhered, even and free of any impurities that could hinder the perfect bonding of the product..

Preparation of the substrate:

If the substrate has algae, mould, fungi and/or other impurities, it is recommended to carry out a thorough cleaning, eliminating them completely and using specific products for this purpose.

If the substrate has salt deposits, brush and apply *Neutralysal Premium*.

If the substrate contains a high moisture level, apply *StopWater Premium* diluted 1:1 with water and paint within 24 hours after its application.

If the substrate is peeling from the existing paint, remove the non-adhering areas by scraping and brushing and apply *Filler Premium*. Also apply this product if the substrate has irregular textures.

If the substrate has surface cracks, the recommendation varies according to the crack width:

1-3 mm	Apply <i>Füllmasse Premium</i> (with a fiberglass mesh whenever >1 mm).
3-10 mm	Chip superficially and apply <i>Naturglue Premium</i> with mesh.
>10 mm	Requires architectural assessment.

If the substrate has deterioration of the mortar, first remove the non-adhering areas by scraping or chipping and clean by brushing or with abundant water. The recommendation varies according to the damaged material thickness:

< 3 mm	Apply <i>Ecoputty Premium</i> .
3-8 mm	Apply <i>Naturglue Premium</i> with mesh.
8-20 mm	Apply <i>MortarBase Premium</i> and finish with <i>MortarFine Premium</i> (<10 mm) with mesh.
>20 mm	Apply <i>Naturglue Premium</i> (5 mm), place hollow brick depending on the depth of the hollow (1-5 cm) and apply <i>Naturglue Premium</i> (<10 mm) with mesh.

If the substrate has structural cracks, dampness due to capillarity, condensation or filtration, the architectural problem that generates this phenomenon must first be solved.

Depending on the nature of the surface the actions prior to the paint vary as follows:

- Old glossy or satin paints and putties: clean the surface and sand softly.
- Absorbent substrates (e.g. concrete block or brick): apply *AmbientPrimer Premium*.
- Very absorbent supports (clay, adobe or tapial): apply *Minerseal Premium*.
- If the substrate is wood, metal (without corrosion or oxidation) or non-porous (e.g. glazed tiles, phenolic panel, epoxy or polyurethane paints): apply *Four2Four Premium*.

Product preparation:

Shake and dilute with water at 10-15% of the weight of the product (150-200 ml of water per litre of product approx.). Ensure good mixing. Avoid excessive shaking to minimize bubble occlusion.

Application method:

Apply 2 or 3 coats evenly. Paint in sections starting from the borders. Without overloading the paint roller, roll it over to spread the paint correctly. Do not paint over the areas that are drying, avoid splices. Please note that an excess of product per coat can generate micro-fissures.

Drying:

At 25 °C and 60% relative humidity: 2-4 hours between coats and 24-hour total drying time.

The total curing is produced after 30 days, presenting a good hardness and resistance. It is recommended not to clean and/or scrub during this period.

Environmental conditions:

The work temperature (ambient and substrate) must be between +5 °C and +40 °C. Do not apply under direct sunlight or on surfaces heated by the sun.

Tools:

Roller, brush or airless.

Airless application:

Spraying angle: 30°

Spraying distance: 50-60 cm

Nozzle size: 0.027 in.

Minimum machine power: 1750 W

Machine filter: 30-40 mesh.

Limpieza de herramienta:

Limpiar las herramientas tras su uso con agua tibia.

Tools Cleaning:

Clean tools after use with warm water.

Notes:

Mineral substrates must be at least 28 days old.

The supports to be painted must be resistant to high alkalinity.

Do not apply on surfaces in permanent contact with water.

In very humid areas (bathrooms or indoor pools), *Hydroxexal Premium* is recommended to minimize water absorption.

For decorative glazing and/or the application of self-adhesive templates or other types of masking, wait 36 hours after painting.

Parts that are not going to be treated should be protected (glassware, furniture etc).

Should there be any strict aesthetic requirements, it is recommended to carry out preliminary tests.

Do not mix with other products to preserve specific properties of the product.

Complementary products:

It is recommended to use the Graphenstone® product range for complementary actions depending on the application, repair and/or finish required. Please refer to the corresponding Technical Data Sheets.

DECLARATIONS

The manufacturer declares that, due to the composition of the product, it contains no hazardous substances, no plasticizers and is free of VOC emissions.

For further information please check our website:

<https://graphenstone.com/graphenstone-global-certifications.html>

ADDITIONAL INFORMATION

Usage warnings:

None particularly in normal performances and for people without specific pathologies. Alkaline product, protect skin and eyes especially. Do not inhale the product. Keep out of reach of children.

Waste management:

According to local legal regulations. The buckets are made of polypropylene. Contribute to the protection of the environment, do not throw the waste down the drain and use the nearest recycling point.

Responsible gesture:

Minimize product waste by estimating the amount you will need. Keep the unused product for a future use, keep it according to the "Storage" section.

Safety information:

For information regarding safety, physical, ecological and toxicological information see the latest version of the product's Material Safety Data Sheet.

Technical Support:

For further information, please contact your local distributor or manufacturer.

(technicalsupport@graphenstone.com).

The information provided is given in good faith, based on IEdiSA's current knowledge and experience of the product, when correctly stored, handled and applied, in normal situations and according to IEdiSA's recommendations. The Technical Data Sheet serves for information and advice, but is not legally binding. In particular, it does not exempt the user from test and check the suitability of the product for the desired application and purpose. IEdiSA reserves the right to make modifications that improve the product or its application. This edition invalidates previous editions.

Graphenstone | IEdiSA, S.A. Polg Ind Poliviso. Carpinteros, 25. 41520 El Viso del Alcor, Sevilla. España (Spain). Phone: +34 955 529 435

