



GrafClean Premium

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GrafClean Premium is paint, with graphene, for areas that are regularly cleaned, suitable for interiors and exteriors. It allows to achieve high demand colours.

PRODUCT DESCRIPTION

Where to apply:

Ideal for decorating façades and interiors of buildings that require a hygienic finish and need to be kept clean. Also, to obtain high demand colours, guaranteeing their resistance over time.

Recommended for crèches, schools, hospitals, shops, etc.

Features:

- High demanding colours.
- Excellent washability.
- High hiding power.
- Matte finish.
- Suitable for interior and exterior.
- Contains graphene fibres.
- Breathable.
- Tough and long-lasting.
- Excellent flexibility. Not cracking.
- High adherence.
- Low VOCs emissions.

Yield:

Coverage depends on the type, texture and absorption of the substrate. As an estimate, we consider 5-7 m²/l (2 coats). The exact consumption must be determined by means of a sample of the job.

Format:

Available in pots of 1 l, 4 l, 12.5 l y 15 l. Inquire about other formats.

Components:

Rich aerated lime*, selected aggregates, graphene fibre, natural additives. Complies with the requirements of the standard DIN 18363 (≤ 5% of organic content).

**Derived from CL90-quality limestone and artisanal production recognised by UNESCO as Intangible Cultural Heritage of Humanity.*

Technical properties:

Specific weight	ISO 2811-1	1.65 ± 0.05 g/cm ³
pH	-	9.5 ± 1
Viscosity	UNE 48076	87.5 ± 10 K.U.
% solids	-	70 ± 5 %
Washable	EN 13300	Class 1
Appearance	-	Dense liquid
Finish	-	Matte

Storage:

Keep in original pack, closed and in a cool and dry place. Keep from freezing and avoid direct sun exposure. Unopened, it may be conserved for at least 12 months. The product may thicken without losing its properties; shake well before use.

Colours:

Offered in white and colour according to NCS 980.

APPLICATION INSTRUCTIONS

Conditions of the substrate:

The substrate must be dry, firm, well-adhered and free from any impurities that may hinder the product from setting fully.

Preparation of the substrate:

If the substrate contains impurities, it is recommended to clean it with pressurised water. Should there be colonies of mould, lichens, algae and bacteria,



brush with sodium hypochlorite (bleach) and wait at least 48 hours before painting.

If the substrate is sandy, dusty, etc. brush and consolidate with *Minerseal Premium* diluted 3:1 with water.

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

If the substrate contains a high moisture level, apply *StopWater Premium*.

If the substrate presents surface cracks, the recommendation depends on the width of the crack:

1-3 mm	Apply <i>ecological putty</i> (with a fibreglass mesh if >1 mm).
3-10 mm	Chip superficially and apply <i>Naturglue Premium</i> with mesh.
>10 mm	Requires architectural assessment.

If the support presents scaling/blistering of the existing paint or mortar, the recommendation depends on the depth of the deterioration:

1-3 mm	Scrape, brush and apply <i>Ecoputty Premium</i> .
3-8 mm	Wash with plenty of water, dry (24 hs) and apply <i>Naturglue Premium</i> with mesh.
8-20 mm	Clean with plenty of water, dry (24 hs), apply <i>MortarBase Premium</i> and finish with <i>Mortar-Fine Premium</i> (<10 mm) with a mesh.
>20 mm	Clean with plenty of water, dry (24 hs), apply <i>Naturglue Premium</i> (5 mm), apply tile according to width of the cavity (1-5 cm) and apply <i>Naturglue Premium</i> (<10 mm) with a mesh.

If the substrate contains pathologies such as moisture due to capillarity, condensation, leak, biodeterioration or movements of the substrate, etc., then it is necessary to resolve the structural problems first.

Depending upon the nature of the support, the recommendations listed above may vary as follows:

- Very absorbent substrates such as clay, adobe, rammed earth: apply *Minerseal Premium*.
- Substrate with no porosity such as glazed tiles, phenolic panels, epoxy or polyurethane paints: apply *Four2Four Premium*.

- Wood or metal substrates (without corrosion or oxidation): apply *Four2Four Premium*.

Product preparation:

Dilute with water at 10-15% of the product's weight and shake/mix well to ensure an even consistency.

Application method:

Apply 2 or 3 coats evenly.

Drying:

In conditions of 25 °C and 60% relative humidity, wait 2-4 hours between coats, and 24 hours for drying.

Environmental conditions:

The work temperature (environment and substrate) must be greater than +5 °C and less than 32 °C. Do not apply in direct sunlight, nor on support heated by the sun.

Tools:

Roller, brush, airless or other type of projection.

Airless application:

Spray angle: 30°

Spray distance: 50-60 cm

Tip size: 0.027 in.

Minimum strength of machine: 1750 W

Machine filter: 30-40 mesh.

Tool cleaning:

Clean tools after use with warm water.

Notes:

The indicated times are for environmental conditions of 25 °C and 60% relative humidity.

The mineral substrate must be at least 28 days old.

Do not apply to surfaces in constant contact with water.

In case of rain, let the substrate dry for at least 48 hours before applying.

It is recommended to protect the treated surface from rain for 4 days.



In very humid areas (tropical regions, bathrooms, covered swimming pools, etc.) or highly contaminated areas, *Hydrox Seal Premium* is recommended to minimise water absorption.

The parts that are not going to be treated must be protected (glass, wood, etc.).

Should there be strict aesthetic requirements, it is recommended to perform prior tests.

Do not apply decorative glazing and/or self-adhesive templates or other kinds of masking, until 36 hours has past.

Do not mix with other products or specific properties may change.

Complementary products:

It is recommended to use the *Graphenstone®* product line for complementary actions, according to the required application, repair and/or finish. Please, refer to the relevant Technical Data Sheets.

DECLARATIONS

The manufacturer declares that the composition of the product, it does not contain hazardous substances or plasticisers and it has low VOC emissions.

ADDITIONAL INFORMATION

Usage warnings:

None in particular for normal use and people who do not have special pathologies. Alkaline product, protect skin and eyes especially. Apply with good ventilation, do not inhale product. Keep out of reach of children.

Waste management:

According to local legal provisions. The packages are made of recycled polypropylene.

Safety information:

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

Technical substrate:

For further information, please contact your local distributor or manufacture:

technicalsupport@graphenstone.com.



The information provided is given in good faith, based on current knowledge and IEdiSA's experience with the products when they are properly stored, handled and applied in normal situations and in accordance with the recommendations of IEdiSA. The Technical Specifications sheet is useful for information and consulting, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. IEdiSA reserves the right to modifications that improve the product or its application. This version invalidates previous ones.

