

GRAPHENSTONE

THE ORIGINAL & AUTHENTIC



**THE MOST ADVANCED SOLUTION IN
ECOLOGICAL PAINTS & COATINGS
WITH GRAPHENE TECHNOLOGY**

UNITED KINGDOM

2019 CATALOGUE

www.graphenstone.co.uk

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Profile

Graphenstone. Paints and coatings for the 'green generation'.

Graphenstone is the brainchild of a chemical engineer who dedicated himself to the idea of developing a natural, ecological and health conscious coating for the 21st century. Antonio León Jiménez has succeeded in his mission and is today President and CTO (Chief Technical Officer) of Graphenstone.

Having spent years working as CTO in a successful Spanish coatings firm, Antonio began his new enterprise, IEdISA, in 2009. This became the foundation for Graphenstone.

In his role as President of Graphenstone, Antonio has committed himself tirelessly to the development and creation of the most innovative and ground breaking line of natural paints and mortars using lime from the highest quality local sources. This unique lime is created through using a 100% natural and environmentally friendly production cycle. Thus, a tradition which had almost been forgotten has been brought back onto the market.



Our contribution to the building of healthier and sustainable homes.

The next step. After generating new ecological, natural and sustainable coatings with a lime base, Antonio León took the process a step further by using the innovative measure of adding graphene to the formula. The objective behind the utilisation of graphene was to enhance the products properties by improving resistance, flexibility and conductivity while maintaining its natural qualities.

Perseverance was key. After a year of research at the University of Seville and numerous unsuccessful attempts, the Antonio achieved his goal which was to develop a graphene polymer able to improve the material qualities with outstanding results.

The very first range of paints and coatings with graphene technology.

Graphenstone was created in November 2013. Antonio's dream came true when he created a worldwide groundbreaking eco-friendly product with exceptional qualities. Since the production of our initial range of paints and coatings, we have continued to work diligently creating ever more healthy and sustainable coatings for all manner of buildings.



WORDL'S FIRST

Lime Basis

High Quality Lime is the raw material of Graphenstone's products.

The Graphenstone products use lime made in wood burning kilns, which produces a high degree of whiteness and purity. This natural lime, has been produced in this way since the midnineteenth century.

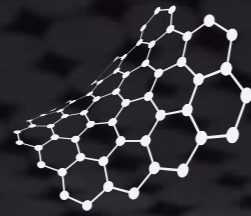
Furthermore, the lime cycle is 100% natural, from the wood used to feed the oven, through the firing, to the collection.



The artisan method to obtain the lime results in a high whiteness and purity.



Unique qualities of graphene



FLEXIBILITY

Up to 20% flexibility without damage.

STRENGTH

200 times stronger than structural steel.

THERMAL CONDUCTIVITY

Scientifically proven high thermal conductivity.

ELECTRICAL CONDUCTIVITY

1000 times better conductor of electric current density than copper.

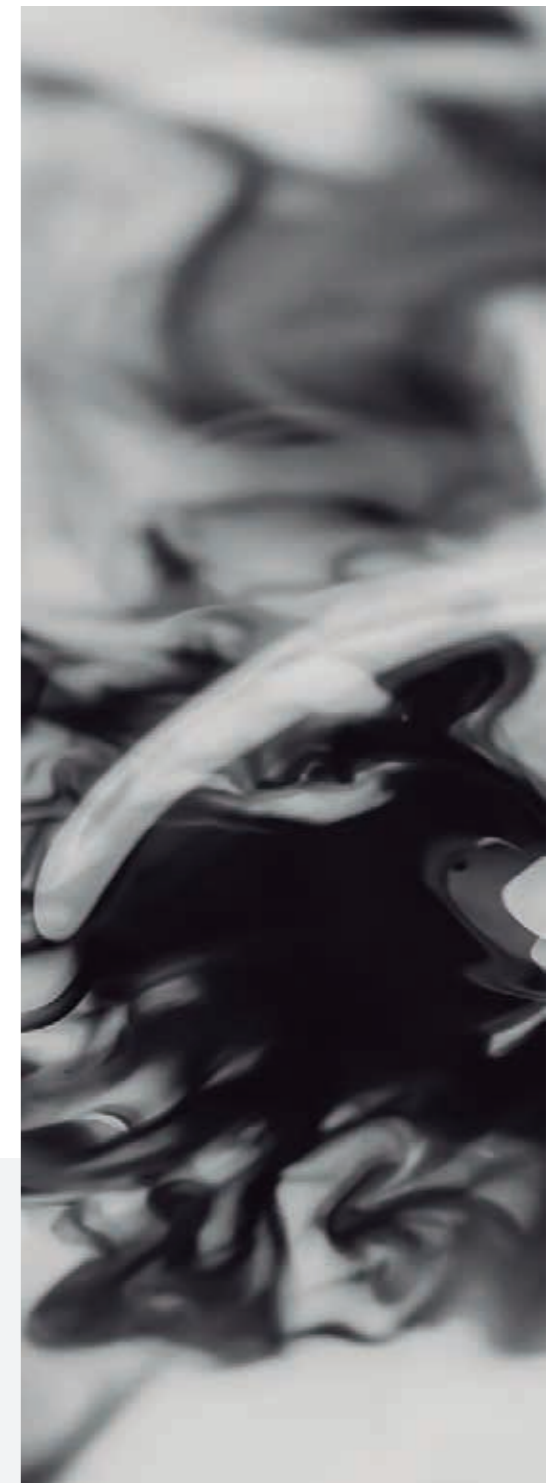
WORLD'S FIRST

Graphene Technology

Graphene based innovation: increased strength, homogeneity, conductivity and flexibility.

The graphene fibres provide the coatings and paints of Graphenstone with innovative qualities: thermal conductivity, greater toughness, flexibility, strength and uniformity. This nanotechnology compound acts as a structural support mesh at the molecular level, which translates into greater durability and, therefore, lower maintenance and more significant savings.

“We use this technology to achieve more efficient materials that meet the requirements of today's highly demanding market which is committed to new and more sustainable methods of manufacturing.”



AN INCOMPARABLE PAINT

Perfect Mix

Tradition, innovation & technology are the perfect ingredients.

Lime and graphene combined form the ultimate ecological natural coatings and paints in the world. This is why Graphenstone products have excellent performance and covering properties. Thanks to their flexibility, the coatings neither crack nor flake. They also contribute to energy saving due to their great reflective power. Moreover, thanks to its mineral character it reduces the reverberance of the sound.

We design and manufacture with respect for the environment, the circular economy and energy efficiency; this is the reason why our products fit perfectly in Green Buildings or Eco-buildings, Passive Houses and Smart Cities.



Graphenstone is the most advanced solution of ecological and natural, paints and coatings in the market.



Healthy Environments



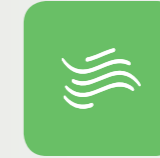
HIGH QUALITY
LIME BASE



UNIQUE IN
THE WORLD



MINIMUM
CARBON FOOTPRINT



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂



100% ECOLOGICAL
ECO FRIENDLY



SUSTAINABLE
BUILDING



ENERGY
SAVINGS



COSTS
SAVINGS



HIGH
PERFORMANCE



RESISTANT
& DURABLE



WASHABLE



SMART CITIES



RESISTS EXTREME
WEATHER CONDITIONS



REDUCES SOUND
TRANSMISSION



CREATES HEALTHY
ENVIRONMENTS



HIGH-STANDARD
DECORATION



ART &
DECORATION



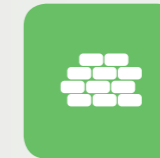
HIGH QUALITY
& CERTIFICATION



HERITAGE
RESTORATION



INTERIORS



EXTERIORS



STORES



LARGE
SURFACES



GRAPHENE
TECHNOLOGY



HOUSING &
SCHOOLS



LABORATORIES &
RESEARCH CENTRES



HEALTH
SECTOR



INDUSTRY



OFFICES
& UNIVERSITIES

MY HOME IS A TREE

Transform your HOUSE into a TREE by painting with Graphenstone

Imagine transforming your home, your building or your town into a much greener place! With Graphenstone, this is now a reality. Just three 15 litre buckets of Graphenstone paint removes no less than 14.40kg of CO₂. The same amount as an adult tree weighing 250kg!

Convert your home into a tree, your building into a garden and your town into a forest. This incredible change is possible today. And Graphenstone provides the key. Let's create a more sustainable world.

More information about the campaign at:
www.myhomeisatree.com

Three 15 litre buckets removes no less than 14.40Kg of CO₂



How does our paint absorb CO₂?

It is made possible due to the raw materials. We have taken a paint which has been used for hundreds of years, a **natural lime based** paint, and changed the molecular structure. It **absorbs CO₂ from the air** during its carbonation process; it is a highly breathable paint; it has natural antibacterial and insect repellent properties. It is a material found in nature and it can help us to transform our home into an **eco-friendly living space**.

In addition, we have improved the paint by adding **Graphene fibres** which optimise its properties and give it its durability.

Why it's important to reduce CO₂?

The high concentration of CO₂ in the world increase the **greenhouse effect** that is contributing to a rise in temperature on Earth. In addition, the air **pollution in cities** is causing serious concern for the health of those living there.

Our products can help improve the quality of the world's air.

HELP US TO OBTAIN THE SAME EFFECT AS 1,000,000 TREES.



Product Range

White Paints

Biosphere Premium
Natural exterior paint with graphene

Ecosphere Premium
Natural interior paint with graphene

AmbientPro+ Premium
Natural photocatalytic paint

GrafClean MidSheen Premium
Ecological paint with graphene

GrafClean White Premium
Ecological paint with graphene

Colour Paints

GrafClean Colour Premium
Ecological colour paint with graphene

GCS Exterior Premium
Ecological colour paint with graphene

GCS Interior Premium
Ecological colour paint with graphene

Special Paints

GrafClean Therm Premium
Ecological thermal insulating paint

GrafClean Ag+ Premium
Ecological antimicrobial paint

Proshield Premium
Conductive shielding paint

Putties & Finishes

Füllmasse Premium
Natural lime repairing putty

Kratzputz Premium
Natural textured coating with graphene

Stuki Premium
Venetian stucco natural coating with graphene

Lime Mortars

MortarBase Premium
Natural lime based mortar with graphene

MortarFine Premium
Natural lime based mortar with graphene

MortarSuper Premium
Natural lime based mortar with graphene

Naturglue Premium
Natural lime based adhesive mortar with graphene

Primers

Filler Premium
Mineral primer with graphene for paints

Primer GCS Premium
Mineral primer with graphene for colour paints

AmbientPrimer Premium
Primer for very absorbent supports

Four2Four Premium
Adherence bridge for paints

Contak Premium
Adherence bridge for mortars

Treatments

Neutralysal Premium
Saltpeter-resistant treatment

Hydroxeal Premium
Water-repellent treatment

StopWater Premium
Anti-moisture treatment

Minerseal Premium
Consolidating & protecting treatment

BeeWax Premium
Natural beeswax treatment

Biosphere Premium

Natural mineral paint with graphene
EXTERIOR

White



1L | 2.5L* | 3L* | 4L | 10L* | 12.5L | 15L | 20L*
*International markets.

Biosphere Premium is a natural mineral paint for outdoor matt finish. Ideal for construction, restoration and repainting. Thanks to its formula based on artisanal lime with graphene technology, it is breathable, avoids condensation, is washable, does not yellow and absorbs CO₂.



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



EXCELLENT
COVERING POWER

PERFORMANCE (2 coats)	6-9 m ² /L
PERFORMANCE (1 coat)	12-18 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Excellent
WASHABILITY	Good
FINISH	Natural matt
COLOURS	White



Ecosphere Premium

Natural mineral paint with graphene
INTERIOR

White



1L | 2.5L* | 3L* | 4L | 10L* | 12.5L | 15L | 20L*
*International markets.

Ecosphere Premium is a natural mineral paint for interiors with a matt finish. Ideal for construction, restoration and repainting. Thanks to its formula based on artisanal lime with graphene technology, it is breathable, avoids condensation, is washable, does not yellow and absorbs CO₂.



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



EXCELLENT
COVERING POWER

PERFORMANCE (2 coats)	6-9 m ² /L
PERFORMANCE (1 coat)	12-18 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Excellent
WASHABILITY	Good
FINISH	Natural matt
COLOURS	White



AmbientPro+ Premium

Natural photocatalytic paint with graphene
EXTERIOR / INTERIOR

White



1L | 2.5L* | 3L* | 4L | 5L* | 12.5L | 15L | 20L*
*International markets.

AmbientPro+ Premium is a natural photocatalytic paint with graphene technology. It decomposes organic compounds and inorganic gases. This is as a result of the impact of light (natural and artificial) on the nanoparticles in titanium oxide, a photocatalyst. Highly effective decontaminant of pollutants in towns and cities. Reduces and eliminates all odours.



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



ELIMINATES
ODOURS

PERFORMANCE (2 coats)	6-9 m ² /L
PERFORMANCE (1 coat)	12-18 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Excellent
WASHABILITY	Good
FINISH	Natural matt
COLOURS	White



GrafClean MidSheen White Premium

Ecological mid sheen paint with graphene
EXTERIOR / INTERIOR

White (Mid Sheen)



1L | 2.5L* | 4L | 12.5L | 15L
*International markets.

GrafClean MidSheen White Premium is an ecological and VOC-free paint with graphene technology. Ideal for decorating exterior facades and interiors walls with a refined mid sheen finish. Suitable for application in construction and repainting.



MID SHEEN
FINISH

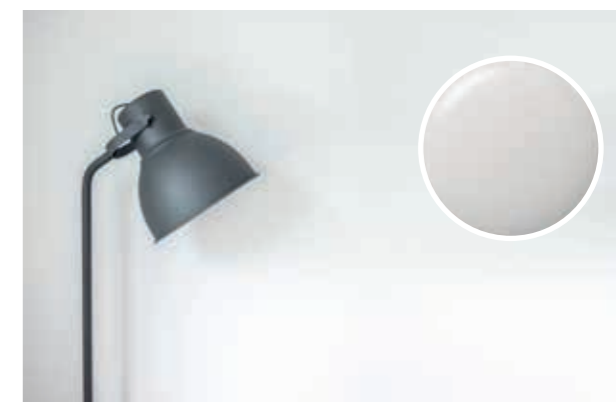


VERY GOOD
COVERING POWER



WASHABLE
& RESISTANT

PERFORMANCE (2 coats)	5-8 m ² /L
PERFORMANCE (1 coat)	10-16 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Very good
WASHABILITY	Excellent
FINISH	Mid sheen
COLOURS	White



GrafClean

White Premium

Ecological paint with graphene
EXTERIOR / INTERIOR



1L | 2.5L* | 4L | 12.5L | 15L
*International markets.

GrafClean Premium is an ecological paint with graphene technology and matt finish. Application in construction and repainting. Ideal for decorating facades and interiors. Free of VOC emissions, and certified for moisture control in concrete surface protection systems (EN 1504-2).



ECOLOGICAL PAINT
BREATHABLE



VERY GOOD
COVERING POWER



WASHABLE
& RESISTANT

PERFORMANCE (2 coats)	5-8 m ² /L
PERFORMANCE (1 coat)	10-16 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Very good
WASHABILITY	Excellent
FINISH	Matt
COLOURS	White



GrafClean

Colour Premium

Ecological colour paint with graphene
EXTERIOR / INTERIOR



0.75L | 4L | 12.5L* | 15L
*TR Colour available in 0.75L, 4L y 12.5L

GrafClean Premium Colour is an ecological paint with graphene technology and matte finish. With selected pigments that allow to create resistant and long-lasting colors. Ideal for application in construction and repainting. Also for decorating facades and interiors. The pigmented product is free of VOC emissions.

(1) Pastel Base for the obtention of pastel or light colours.
(2) Medium Base for the obtention of medium colours.
(3) Transparent Base for the obtention of dark or intense colours.



ECOLOGICAL PAINT
BREATHABLE



DURABLE
COLOUR



WASHABLE
& RESISTANT

PERFORMANCE (2 coats)	5-8 m ² /L
PERFORMANCE (1 coat)	10-16 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Very good
WASHABILITY	Excellent
FINISH	Matt
COLOURS	GCS 980 Interior / GCS 322 Exterior



GCS Exterior

Premium

Ecological colour paint with graphene
EXTERIOR



0.75L | 4L | 12.5L* | 15L
*TR Colour available in 0.75L, 4L y 12.5L

GCS Exterior Premium is an exterior ecological colour paint with graphene technology with matte finish. For application in construction, restoration and repainting. It guarantees the breathability of the building. With selected pigments for tough and long-lasting colours.

(1) Pastel Base for the obtention of pastel or light colours.
(2) Medium Base for the obtention of medium colours.
(3) Transparent Base for the obtention of dark or intense colours.



ECOLOGICAL PAINT
BREATHABLE

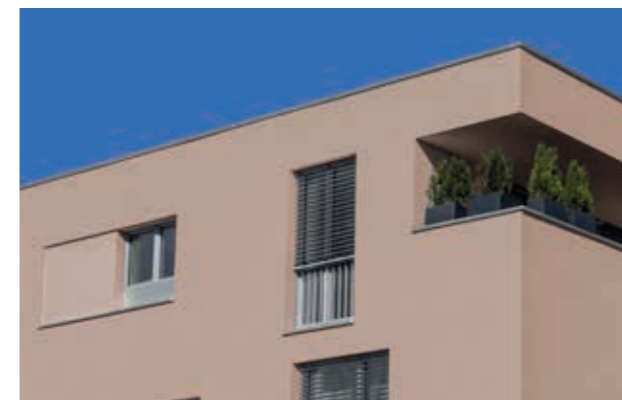


DURABLE
COLOUR



WASHABLE
& RESISTANT

PERFORMANCE (2 coats)	6-9 m ² /L
PERFORMANCE (1 coat)	12-18 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Excellent
COVERING POWER	Very good
WASHABILITY	Good
FINISH	Matte
COLOURS	GCS 322 Exterior



GCS Interior

Premium

Ecological colour paint with graphene
INTERIOR



0.75L | 4L | 12.5L* | 15L
*TR Colour available in 0.75L, 4L y 12.5L

GCS Interior Premium is an interior colour paint with graphene technology with matte finish. From application in construction, restoration and repainting. It guarantees the breathability of the building. With selected pigments for tough and long-lasting colours.

(1) Pastel Base for the obtention of pastel or light colours.
(2) Medium Base for the obtention of medium colours.
(3) Transparent Base for the obtention of dark or intense colours.



ECOLOGICAL PAINT
BREATHABLE

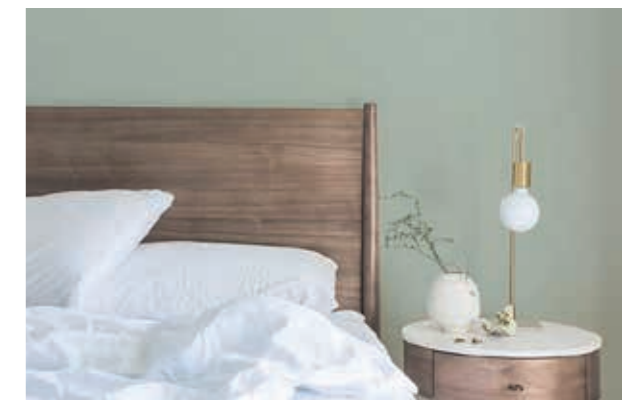


DURABLE
COLOUR



WASHABLE
& RESISTANT

PERFORMANCE (2 coats)	6-9 m ² /L
PERFORMANCE (1 coat)	12-18 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Excellent
COVERING POWER	Very good
WASHABILITY	Good
FINISH	Matte
COLOURS	GCS 980 Interior



GrafClean

THERM White Premium

Thermal insulating ecological paint
EXTERIOR / INTERIOR



1L | 4L | 15L
Available formats

GrafClean Therm Premium is an ecological thermal insulating paint with glass microspheres. Creates an air chamber generating a thermal bridge rupture. It maintains an ambient temperature throughout the year and appreciable energy savings in your home. It avoids humidity through condensation, which in turn assists the non-proliferation of microorganisms in the support.

GLASS MICROSPHERES FORMULA

- ECOLOGICAL PAINT BREATHABLE
- VERY GOOD COVERING POWER WASHABLE
- REGULATES TEMPERATURE AVOID CONDENSATIONS

PERFORMANCE (2 coats)	5-8 m ² /L
PERFORMANCE (1 coat)	10-16 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush or roller
TOOLS CLEANING	Water
COVERING POWER	Very good
WASHABILITY	Excellent
FINISH	Matt
COLOURS	White / Check colours availability



GrafClean

Ag+ White Premium

Ecological antimicrobial paint
INTERIOR



1L | 4L | 15L
Available formats

GrafClean Ag+ Premium is an ecological paint with silver ion (Ag+) formula, which gives it antimicrobial properties preventing the development of bacteria, fungus, viruses and protozoa. Ideal for decorating interiors of buildings, homes, hospitals, clinics, etc.

FREE VOCs + ANTIMICROBIAL EFFECT

- ANTIMICROBIAL EFFECT
- VERY GOOD COVERING POWER WASHABLE
- BREATHABLE PRODUCT

PERFORMANCE (2 coats)	5-8 m ² /L
PERFORMANCE (1 coat)	10-16 m ² /L
DRYING (between coats)	2-4 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or airless
TOOLS CLEANING	Water
COVERING POWER	Very good
WASHABILITY	Excellent
FINISH	Matt
COLOURS	White



Proshield

Premium

Conductive shielding paint with graphene
EXTERIOR / INTERIOR



1L | 3L* | 4L | 5L* | 12.5L | 15L | 20L*
*International markets.

Proshield Premium is a conductive paint with graphene technology. These are carbon particles contained in a high quality acrylic aqueous emulsion. Designed for protection against high and low frequency electromagnetic radiation. Shielding efficiency: 32 dB of attenuation at 900 MHz (IEEE 299:2006).

- HIGH LOW PROTECTION AGAINST RADIATION
- ATTENUATION 32 dB at 900 MHz (IEEE 299:2006).
- FREE OF METALLIC COMPONENTS

PERFORMANCE (1 coat)	7-8 m ² /L
DRYING (between coats)	4-6 hours
TOTAL DRYING	24 hours
APPLICATION TOOLS	Short hair roller or airless
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Black
PROTECTION AGAINST	High frequency radiation & low frequency electric field.
SHIELDING EFFICIENCY	32 dB of attenuation at 900 MHz (IEEE 299:2006).



Füllmasse

Premium

Natural lime repairing putty
REPAIR & FILLS SMALL SURFACE DEFECTS



0.75L | 4L
Available formats

Füllmasse Premium is a natural lime putty for repairing and filling small superficial defects such as cracks, small holes and surface fissures (1-3 mm). Also, for sealing joints between building plates or boards.



REPAIRS SMALL SURFACE DEFECTS



FILLS PLATE JOINTS



EXCELLENT ADHESION

Kratzputz

Premium

Natural textured coating with graphene
EXTERIOR / INTERIOR



1L | 4L | 15L
Available formats

Kratzputz Premium is a natural coating containing graphene technology which has a textured finish (with a granulometry up to 2 mm). Resistant to extreme weather conditions. Ideal for decorating facades in areas of extreme meteorological conditions, such as heavy rain or snow. Also, used for textured interiors.



BREATHABLE PURIFIES THE ENVIRONMENT



ABSORBS CO₂ SUSTAINABLE PRODUCT



HIGH RESISTANCE TO EXTREME WEATHER CONDITIONS

PERFORMANCE	100-120 g/m (linear)
DRYING	6-8 hours (for sanding)
APPLICATION TOOLS	Spatula or trowel
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Dense white paste
APPLICATION SURFACES	All types of surfaces common in construction: mortar, concrete, plaster, prefabricated boards, etc.
USE	Suitable for use on interior and exterior surfaces.

PERFORMANCE (1 coat)	3-4 L/m ²
TOTAL DRYING	24 hours
APPLICATION TOOLS	Metallic trowel
TOOLS CLEANING	Water
FINISH	Matt / Textured
COLOURS	White
APPLICATION SURFACES	All types of common surfaces in construction: mortar, brick, concrete, etc.



Stuki

Premium

Venetian stucco natural coating
EXTERIOR / INTERIOR



1L (b) | 3L (b)** | 4L (b) | 5L (b)** | 12.5L (b) | 15L (b) | 20L (b)**
**International markets | (b) Bi-component format.

Stuki Premium is a natural coating with graphene technology which, as the name suggests, produces a stucco finish. It is both simple to apply and highly versatile achieving a high quality finish. Ideal for works with a criteria of bio-habitability, rehabilitation or sustainable restoration of buildings.

(1) Stuki Colour. Colours on request.



ABSORBS CO₂ SUSTAINABLE PRODUCT



MARBLE EFFECT FINISH



GLOSS FINISH

PERFORMANCE (2 coats)	4-5 m ² /L
DRYING (between coats)	30 min.
POLISHING (by hand)	30-40 min.
POLISHING (by machine)	90 min.
APPLICATION TOOLS	Stucco trowel or Japanese finishing trowels, electric polisher (optional)
TOOLS CLEANING	Water
FINISH	Marble / Glossy
COLOURS	White GCS 980 Interior / GCS 322 Exterior



MortarBase Premium

Natural lime based mortar with graphene
COARSE FINISH



Kalgraphin Premium is a liquid lime putty with graphene for mortars preparation.

13.5 Kg + 4.5 Kg (Bi-component)

MortarBase Premium + Kalgraphin Premium

MortarBase Premium is an ecological rendering mortar with graphene technology. It is used as a first regulation coat, as it contains coarse aggregates. Ideal for rendering. Use as grout in building improvements and restoration.

Ideal for rendering. Use as grout in building improvements and restoration.



BREATHABLE
ABSORBS CO₂



HIGH ADHERENCE
& FLEXIBILITY



LOW WATER
ABSORPTION

PERFORMANCE (12 mm)	20 Kg/m ²
DRYING (between coats)	24-48 hours
DRYING (plastering)	24-48 hours
APPLICATION TOOLS	Masonry brush, double-mix projecting machine, notched trowel or similar, sponge trowel.
TOOLS CLEANING	Water
FINISH	Coarse
COLOURS	White



MortarFine Premium

Natural lime based mortar with graphene
FINE FINISH



Kalgraphin Premium is a liquid lime putty with graphene for mortars preparation.

13.5 Kg + 4.5 Kg (Bi-component)

MortarFine Premium + Kalgraphin Premium

MortarFine Premium is an ecological rendering mortar with graphene technology. Ideal for plastering in building, rehabilitation and restoration. It is applied in one or two layers depending on the type of finish, such as smooth, trowelled and engraved textures, as well as pitted finishes, ashlar, sgraffito, etc.

Plastering and smooth finishes in rehabilitation, restoration and new works.



BREATHABLE
ABSORBS CO₂



HIGH ADHERENCE
& FLEXIBILITY



LOW WATER
ABSORPTION

PERFORMANCE (2-3 mm)	3 Kg/m ²
DRYING (between coats)	24-48 hours
DRYING (painting)	4 days
APPLICATION TOOLS	Trowel. Finishing trowel.
TOOLS CLEANING	Water
FINISH	Fine
COLOURS	White / GCS 322 Exterior
APPLICATION SURFACES	Prefabricated panels, concrete, paint, tiles, etc.



MortarSuper Premium

Natural lime based mortar with graphene
SUPERFINE FINISH



Kalgraphin Premium is a liquid lime putty with graphene for mortars preparation.

11.25 Kg + 4.5 Kg (Bi-component)

MortarSuper Premium + Kalgraphin Premium

MortarSuper Premium is a superfine natural mortar with graphene technology. It is applied as a final finishing coat for high-decoration finishes. Ideal for plastering in building, improvements and restoration.

Ideal for high-decoration finishes such as ironing, texturised, combed, etc.



BREATHABLE
ABSORBS CO₂



HIGH ADHERENCE
& FLEXIBILITY



LOW WATER
ABSORPTION

PERFORMANCE (1-2 mm)	3.5 Kg/m ²
DRYING (between coats)	24-48 hours
SECADO (pintura)	4 days
HERRAMIENTAS	Trowel. Finishing trowel.
TOOLS CLEANING	Water
FINISH	Superfine
COLOURS	White / GCS 322 Exterior
APPLICATION SURFACES	Prefabricated panels, concrete, paint, tiles, etc.



Naturglue Premium

Natural lime base adhesive mortar with graphene
FLEXIBLE REPAIRING MORTAR



Kalgraphin Premium is a liquid lime putty with graphene for mortars preparation.

13 Kg + 4.5 Kg (Bi-component) | 2.9 Kg (Box) (Bi-component)

Naturglue Premium + Kalgraphin Premium

Naturglue Premium is a highly flexible, high quality, ecologically adhesive mortar with graphene technology. Ideal for bonding tiles, ceramics and as an anchor for insulation boards (EIFS) and non-flooding solutions. Also for building improvements and restoration.

Ideal for bonding tiles, ceramics and as an anchor for insulation boards (EIFS) and non-flooding solutions.



BREATHABLE
ABSORBS CO₂



HIGH ADHERENCE
& FLEXIBILITY



LOW WATER
ABSORPTION

RENDIMIENTO (5 mm)	5 Kg/m ²
DRYING (between coats)	24-48 hours
DRYING (finishing)	24-48 hours
HERRAMIENTAS	Trowel, notched trowel, brush.
TOOLS CLEANING	Water
ASPECTO	Sand colour
SUPERFICIES	All types of common surfaces in construction: mortar, brick, concrete, prefabricated plates, etc.



Filler

Premium

Mineral primer with graphene for paint
EXTERIOR / INTERIOR



1L | 3L* | 4L | 12.5L | 15L | 20L*
*International markets.

Filler Premium is a mineral primer with graphene technology for paint. Ideal for surfaces with irregular textures, surface fissures (up to 1 mm) and / or peeling areas. For indoor and outdoor use. Its formulation is breathable, prevents condensation and does not crack.



BREATHABLE
PRODUCT



REGULATES
THE TEXTURE
OF THE SUPPORT



MATERIAL & LABOUR
SAVINGS

PERFORMANCE (1 coat)	5-7 m ² /L
DRYING (painting)	4-6 hours
APPLICATION TOOLS	Brush or roller
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Dense liquid
APPLICATION SURFACES	Deteriorated paints, surfaces with microcracks and/or irregular textures.

Primer GCS

Premium

Mineral primer with graphene for colour paints
EXTERIOR / INTERIOR



1L | 4L | 12.5L | 15L
Available formats

Primer GCS Premium is a mineral primer with graphene technology for Graphenstone ColourSystem, which allows a homogeneous colour to be obtained. It is recommended to homogenise repaired surfaces, apply intense colours and to change from a dark to light colour. There are two versions according to use: interior or exterior. Ideal as a primer for GCS Interior & Exterior paints.



BREATHABLE
PRODUCT

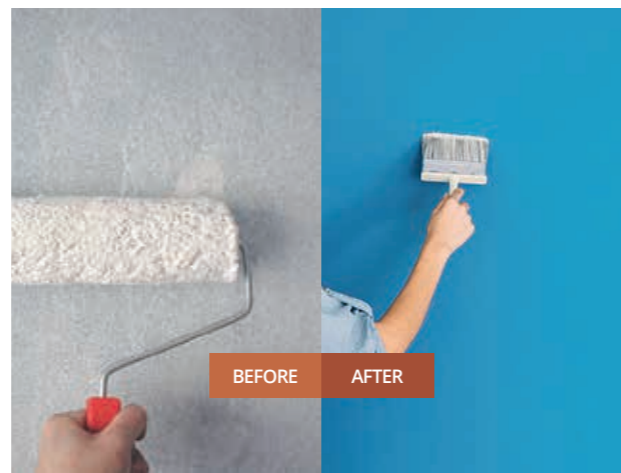


REGULATES
THE TEXTURE
OF THE SUPPORT



MATERIAL & LABOUR
SAVINGS

PERFORMANCE (1 coat)	11-14 m ² /L
TOTAL DRYING	24 hours
APPLICATION TOOLS	Roller, brush or airless
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Dense liquid
APPLICATION SURFACES	Plaster, gypsum, old paints, prefabricated plates and unpainted wallpaper, brick, etc.



AmbientPrimer

Premium

Primer for very absorbent supports
EXTERIOR / INTERIOR

L44 - Antialgae/mould L42



1L | 4L | 5L* | 10L* | 12.5L | 15L | 20L*
*International markets.

AmbientPrimer Premium homogenises and reduces the absorption of the substrate, subsequently reducing the amount of paint needed. It also consolidates the substrate. Recommended for absorbent substrates. There are two versions: with and without anti-algae and anti-mould effect, L42 and L44 respectively. Ideal for very absorbent substrates such as cellars, rooms without ventilation and prone to the growth of microorganisms.



NOT ALTER
THE BREATHABILITY
OF THE SUPPORT

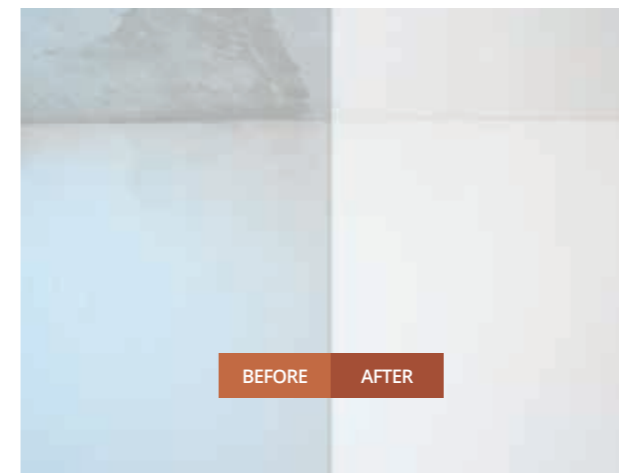


REGULATES
THE TEXTURE
OF THE SUPPORT



MATERIAL & LABOUR
SAVINGS

PERFORMANCE (1 coat)	26-30 m ² /L
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Liquid / Colourless
APPLICATION SURFACES	All types of surfaces common in construction, excepting gypsum or perlite plaster.



Four2Four

Premium

Adherence bridge, antioxidant & sealer
PAINTS, METALS & WOODS



0.75L | 4L
Available formats

Four2Four Premium is an adherence bridge for paint. It ensures adherence of mineral paint to all types of surfaces such as tiles, phenolic panels, polyurethane paint, etc., for indoors and outdoors applications. In addition, it acts as an antioxidant in metal substrates (free of corrosion or oxidation) and as a sealant of wood, MDF boards and stains on interior walls.



EXCELLENT
ADHERENCE

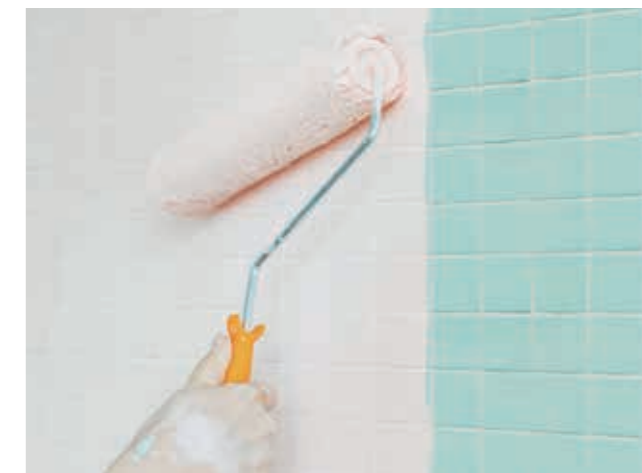


ANTIOXIDANT
ON METAL SURFACES



SEALER
ON WOOD &
MDF BOARDS

PERFORMANCE (1 coat)	10-11 m ² /L
DRYING (between coats)	30"-60" min.
DRYING (painting)	6-8 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
PRODUCT APPEARANCE	White liquid
APPLICATION SURFACES	Ceramics, polyurethane or epoxy paints, plasticized panels, etc. Also on metal or wood.



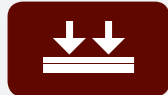
Contak Premium

Adherence bridge for mortars
MECHANICAL GRIP FOR SMOOTH SURFACES



1L | 3L* | 4L | 5L* | 12.5L | 15L | 20L*
*International markets.

Contak Premium is an adherence bridge for mortars on smooth surfaces. It is ideal to provide a mechanical grip to plaster mortars and adhesives on a smooth surfaces such as glass, ceramic, metals, wood, cement, etc.



EXCELLENT
ADHERENCE



MECHANICAL GRIP
FOR MORTARS



EASY
TO APPLY

PERFORMANCE (1 coat)	5-6 m ² /L
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush or roller
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Red dense liquid
APPLICATION SURFACES	Smooth surfaces such as glass, ceramic, metals, wood, concrete smooth, etc.



Neutralysal Premium

Salt peter-resistant treatment
WALL SANITATION



1L (Bottle) | 5L (Carafe)
Available formats

Neutralysal Premium is a colorless salt peter-resistant treatment. It is for sanitation of walls that have been degraded by salt peter. It prevents the appearance of white stains caused by absorption of water by capillarity with salinity from the wall.



PROTECTION
AGAINST SALT PETER

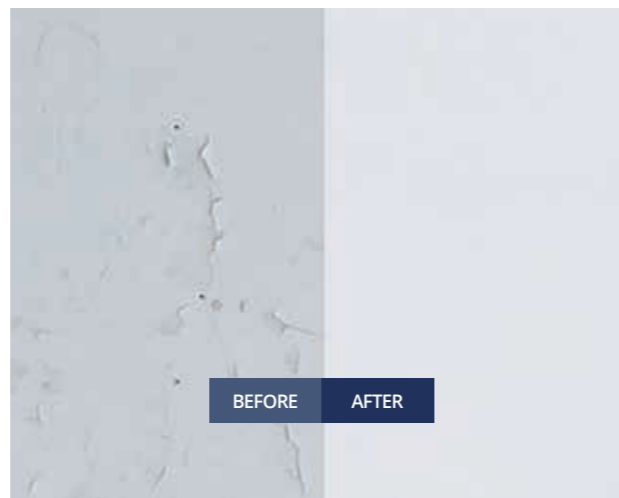


PREVENTS
WHITE SPOTS



HIGH RESISTANCE
& DURABILITY

PERFORMANCE (1 coat)	7-8 m ² /L
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Yellowish liquid



Hydroxéal Premium

Water-repellent treatment for mineral paints & mortars
HUMID OR ATMOSPHERICALLY POLLUTED AREAS



1L (Bottle) | 5L (Carafe)
Available formats

Hydroxéal Premium is a hydrophobic treatment for humid areas or atmospheric dirt. It prevents the capillary absorption of water and its contaminants without clogging the pores and, therefore, without significantly altering the permeability of the substrate to gases and water vapour. Recommended for all types of exteriors and interiors for areas in contact with water vapour such as: bathrooms, kitchens, indoor pools, etc.



NOT ALTER
THE BREATHABILITY
OF THE SUPPORT

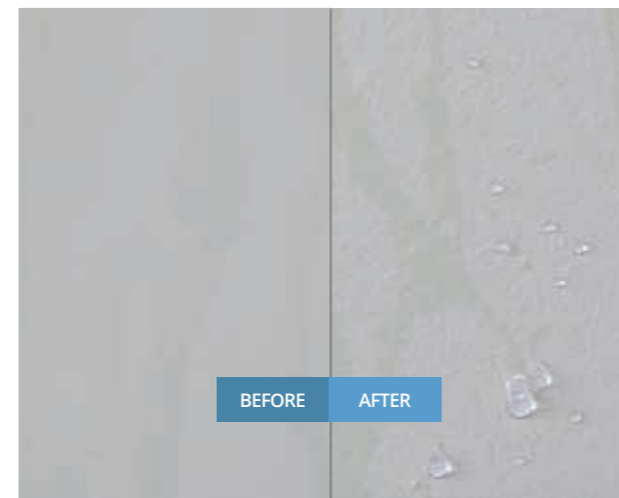


IDEAL FOR
HUMID AREAS



PENETRATES
INTO THE SUPPORT

PERFORMANCE	100-200 ml/m ² (on mineral paints) 400-500 ml/m ² (on mineral mortars)
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
APPEARANCE / FINISH	Whitish liquid / Colourless



StopWater Premium

Anti-moisture treatment prior painting
RETIENE LA HUMEDAD DEL MURO



1L (Bottle) | 5L (Carafe)
Available formats

StopWater Premium is an anti-moisture treatment prior to painting; It also acts as a support consolidator. It is a temporary barrier that retains the humidity coming from the wall allowing to paint correctly. The product is degraded by the high pH of Graphenstone® coatings.



REGULATES
ABSORPTION
OF THE SUPPORT

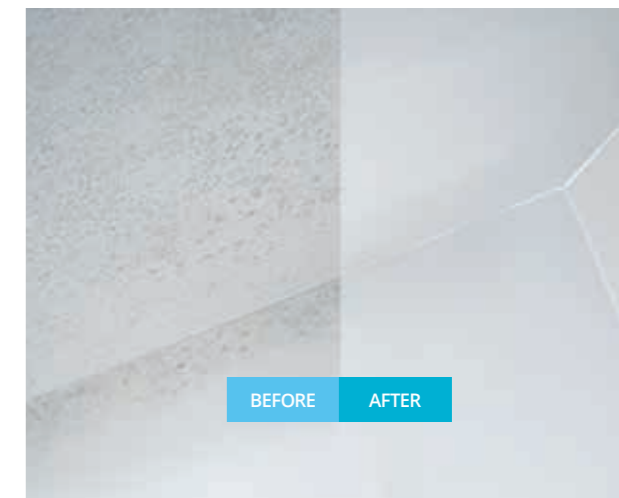


MOISTURE BARRIER
FACILITATES PAINTING



NOT FILM
FORMING

PERFORMANCE (1 coat)	24-28 m ² /L
DRYING (painting)	6-12 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Liquid



Minerseal

Premium

Consolidating & protecting mineral treatment
CONSOLIDATES & PROTECTS THE SUPPORT



1L (Bottle) | 5L (Carafe) | 15L
Available formats

Minerseal Premium is a consolidating mineral treatment. Does not alter the permeability of the substrate to gases and water vapour. Protects mineral finishes such as plasters, exposed concrete, prefabricated concrete elements, calcareous sandstone... and also consolidates sandy or dusty supports. Ideal to reduce the absorption of very absorbent substrates such as clay.



HIGHLY
BREATHABLE



PROTECTS
MINERAL FINISHES



HIGH RESISTANCE
& DURABILITY

PERFORMANCE (1 coat)	13-16 m ² /L
TOTAL DRYING	24 hours
APPLICATION TOOLS	Brush, roller or spray gun
TOOLS CLEANING	Water
APPEARANCE / FINISH	Whitish liquid / Colourless
APPLICATION SURFACES	Exposed or prefabricated concrete elements, calcareous sandstone, etc.

BeeWax

Premium

Natural beeswax treatment
LIME STUCCO & MORTAR PROTECTOR



0.75L | 4L
Available formats

BeeWax Premium is a natural beeswax for the protection of lime stuccos and mortars coatings. It prevents the absorption of water and its contaminants without altering the permeability of the substrate to gases and water vapour. It also increases the brightness of the finishes.



NATURAL
BEESWAX
BASIS

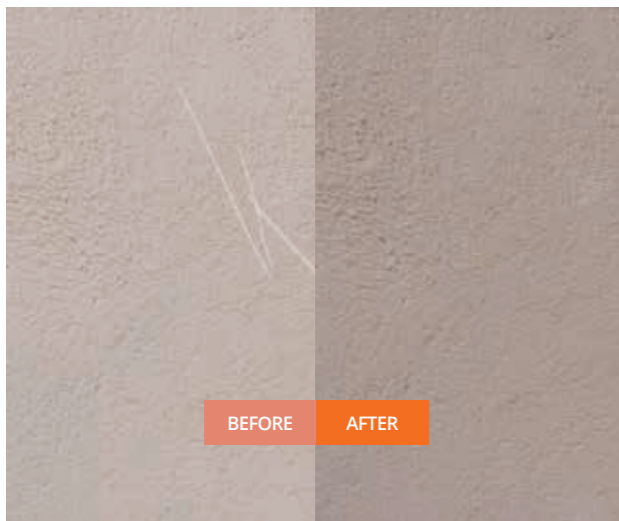


NOT ALTER
THE BREATHABILITY
OF THE SUPPORT

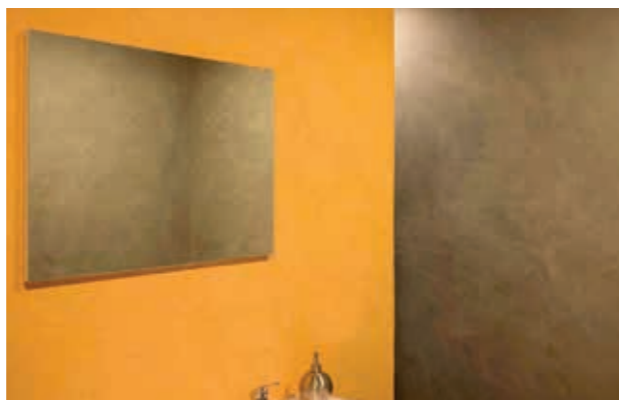


PROTECTION OF
LIME STUCCO &
MORTARS

PERFORMANCE (1 coat)	30-40 m ² /L
DRYING (between coats)	24 hours
SECADO (pulido mopa)	30-60 min.
TOTAL DRYING	24 hours
APPLICATION TOOLS	Sponge, trowel or short hair glove
TOOLS CLEANING	Water
APPEARANCE / FINISH	Cream / Colourless
APPLICATION SURFACES	Lime stucco & mortar



BEFORE AFTER



Quality

Quality

Graphenstone equates to quality & certifications

At Graphenstone we are committed to the environment which is why we produce natural materials. Among our values are ecology, nature, sustainability and respect for the environment. Our products meet the principles of a circular economy. It is in our DNA to be an innovator and creator of ecological and respectful products for the people and the environment. Ultimately, we want the construction sector to serve humans and not the inverse.

Our philosophy: acting as a benchmark for other companies, complying with the requirements of green building through economic activity. Because, for us, innovation and sustainability go hand in hand.



1 World's most Certified Green brand



Cradle To Cradle

Graphenstone has achieved Cradle to Cradle Certification, a key distinction in our products, worldwide.

Graphenstone has developed a product range with a whole green life cycle. It complies with the reuse, reduce and recycle philosophy, guaranteeing the most efficient use of materials. For that reason, Graphenstone meets the Cradle to Cradle certification programme requirements, obtaining the following levels of certification:



Cradle to Cradle Certified™ GOLD

- Biosphere Premium
- Ecosphere Premium
- AmbientPro+ Premium
- Stuki Premium
- Kratzputz Premium
- MortarBase Premium with Kalgraphin Premium
- MortarFine Premium with Kalgraphin Premium
- MortarSuper Premium with Kalgraphin Premium
- Naturglue Premium with Kalgraphin Premium
- Firezza (material A & B)
- Modena (material A & B)

Cradle to Cradle Certified™ SILVER

- Ecosphere Colour Premium
- Biosphere Colour Premium
- AmbientPro+ Colour Premium
- Stuki Colour Premium
- Graphensonte ColorSystem GCS 980.
- Graphensonte ColorSystem GCS 322.

Material Health Certified™ GOLD

- Biosphere Premium
- Ecosphere Premium
- AmbientPro+ Premium
- Filler Premium
- Stuki Premium
- Kratzputz Premium

Global Green Tag

Graphenstone. Committed to the health of materials. Mineral paints and primers.

Global GreenTag is one of the world's most robust, trusted and widely recognised eco labels. We independently assure that every product is fitness tested and certified under one of our two leading certification programs that use world's best scientific methods.

That's why we have earned the reputation and trust of thousands of buyers, hundreds of companies and numerous green building councils, certification bodies and governments around the world.



Global GreenTag
is one of the world's most
robust, trusted & widely
recognised ecolabels for
buyers and companies.



Green Tag Certified™
Green Rate | LEVEL A



Biosphere Premium AmbientPro+ Premium
Ecosphere Premium Kratzputz Premium
Stuki Premium



Green Tag Certified™
Health Rate | GOLD

Biosphere Premium
Ecosphere Premium
Stuki Premium
AmbientPro+ Premium

Asthma Friendly

Graphenstone – Free of VOC emission.
Mineral paints, renders and primers.

Graphenstone is the ultimate ecological range of products, composed of natural elements that purify the air we breathe inside our homes. It is suitable for people suffering from chemical intolerance and respiratory issues like asthma. Graphenstone is recommended for indoor enclosures, hospitals, nurseries, schools, or rooms for infants and children.



Sensitive Choice
APPROVED™
**Asthma friendly
products**

Ecosphere Premium
Biosphere Premium
Ambient Pro+ Premium
Stuki Premium
Kratzputz Premium
MortarBase Premium
MortarFine Premium
MortarSuper Premium
Naturglue Premium
Kalgraphin Premium

Sustainable Materials

Graphenstone® lime based product contribute to the achievement of the certifications: LEED v4, LEED v2009 and BREEAM ES.

Mortars and paints with lime base. The porous nature of the lime ensures the breathability of the walls, avoiding humidity and creating safe and healthy environments.



FAMILY COMPONENTS:

- Biosphere Premium
- Ecosphere Premium
- AmbientPro+ Premium
- Filler Premium
- Stuki Premium
- Kratzputz Premium

Summary table: Environmental parameters in which the material has a specific contribution. Detailed in the files of the respective environmental certifications GREEN, LEED and BREEAM

	Support documents	Certifications: DAP, CSR, REACH	Self-declarations	Potential
Plot Mobility	Solar Reflectance Index SRI	Rain water management	Ext. lighting control	
Energy Atmosphere	Embedded energy	Greenhouse effect gases	Energy demand reduction	Equipment efficiency
Materials	Accredited location	Recycling pre-consumption	Recycling post-consumption	Potencial reutilización
Water	Consumption reference	Water management		Certified wood
Indoor Environment	Low VOC emission	Low formalde-hyde emission	Comfort control	Lighting comfort
Innovation	Innovation Design			Acoustic comfort
				Waste
				Chemical composition
				Air quality



More information:
www.materiales.gbce.es

Awards

The recognition of Graphenstone's work has been awarded around the world in categories such as: Innovation, Construction, Environment or Product Design.



"Business Quality"
European Association of Economy & Competitiveness. Spain - Dec. 2018



"Corporate Social Responsibility"
Andalucía Management Awards Spain- Nov. 2018



"Niche company of the year"
ACQ5 Global Awards - Jun. 2018



"Germany Trade & Invest Award for International Expansion"
European Business Awards Belgium - Apr. 2018



"Product design, Commercial & Industrial"
London Design Awards United Kingdom - Nov. 2017



"Gold Star"
Professional Excellence Award Spain - Nov. 2017



"Innovative Construction Solution of Spain"
Technology Awards - La Razón Spain - Nov. 2017



"The Best Sustainable Element"
Best Sustainable Element Award Denmark - Oct. 2017



"Environmental Commitment"
"Andalucía Excelente" Awards Spain - Oct. 2017



"Innovation product"
Green Interior Awards Australia - Jul. 2017



"Architecture & Construction"
IX NAN / XI NAN Awards Spain - Nov. 2015 y 2017



"Innovation & Sustainability in Construction"
Beyond Building Construmat. Spain - May. 2015

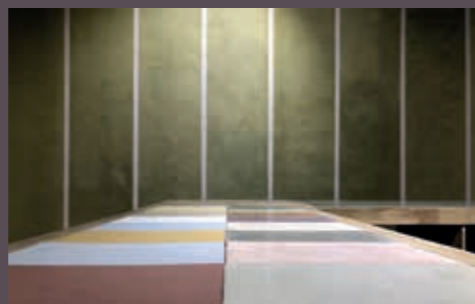
SHOWROOMS

The Gallery

INFORMATION & BOOKINGS
info@graphenstone.com

The essence of Graphenstone materialised in a showroom. A journey through tradition and innovation that is completed within a commercial space, where sustainable materials, textures and finishes are the protagonists.

A multisensory experience that appeals to the client's senses, who can appreciate, touch and feel the quality and properties that the brand offers.



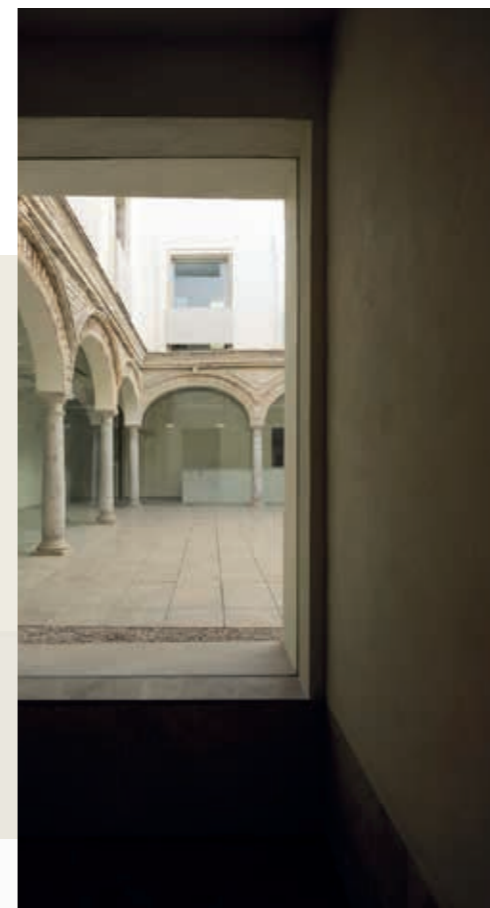
SHOWROOMS

EcoBuilding

INFORMATION & BOOKINGS
info@graphenstone.com

A space concept for painters, applicators and decorators. Designed to bring new sustainable materials closer to the decoration and bio-construction sector.

A showroom created to learn first-hand works and emblematic projects made with Graphenstone products.



Global

International Delegations

Europa:

Germany
Austria
Benelux
Spain
France
Italy
Portugal
UK
Switzerland
Ukraine

Asia & Oceania:

Australia
China
South Korea
Philippines
India
Japan
Malaysia
New Zealand
Singapore
Thailand
Vietnam

Middle East:

Turkey
Kuwait
United Arab Emirates
Qatar

North America:

U.S.
Canada

Central America:

Panama
Mexico

South America:

Bolivia
Chile
Colombia
Costa Rica
Ecuador
Peru

Africa:

Cameroon



Showrooms

Exhibition halls & Stores

Europa:

The Gallery / Seville (Spain)
Bioconstruction & EcoBuilding / Seville (Spain)
Showroom-Store/ Macao (China)
Showroom Ontario / Ontario (Canada)

Factories

Production centers

Europe:

Seville (Spain)

Asia & Oceania:

China
Malaysia
Australia

Central America:

Panama



www.graphenstone.co.uk



PAINTS FOR THE
green
GENERATION

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