



GRAPHENSTONE

THE ORIGINAL & AUTHENTIC

Health Sector 2019

www.graphenstone.com

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Graphenstone

Ecological Paints and Coatings with graphene technology.

Graphenstone is the world's leading manufacturer of ecological products such as paints, coatings, mortars, adhesives and insulations with graphene technology.

Our formulations improve properties exponentially, mainly in the saving of the material consumption, since we work at a nanoscale, achieving hardness, resistance and elasticity superior to any other coating.

All these made a better coverage that allows of improvement of total yields of equipment and facilities.



Ecological solutions for...

... healthier buildings.
... energy efficiency and
bio-habitability of buildings.



UNIQUE LIME BASE ENSURING PRODUCTS OF THE HIGHEST QUALITY.



CONTAINS GRAPHENE FIBRES, ACTING AS A SUPPORTING MESH AT THE MOLECULAR LEVEL.



FREE OF VOLATILE ORGANIC COMPOUNDS (VOCs). THE ULTIMATE IN ECO-FRIENDLY CHARACTERISTICS



NO CARCINOGENIC TOXIC SUBSTANCES OR HARMFUL AGENTS.

Purifies the environments

Absorbs CO₂, creating
healthier places.

Graphenstone's products favors the interior-
exterior circulation of water vapor, as well
as the constant ventilation of the indoor
environment, which is free of organic
pollutants.

Also act as a natural bacteriostatic and
fungistatic that hinder the growth of the
microorganisms on the walls, limit the
development of allergens and appearance
of respiratory pathologies and are also insect
repellent.

They are ecological and are composed of
natural elements that purify the air that we
breathe inside the places.



Healthier spaces

Graphenstone has created a line of
products adapted to the maximum
sanitary requirements.

Our Paints and Coatings improve the quality
of the air in enclosed places, creating healthier
environment; sanitizes environments, prevents
and reduces all negative effects of airborne
biological pollutants on health for optimum health.



Health benefits...

Responsibility and quality for the highest requirement.

Improves the air in enclosed environments.
Limits pathologies derived from sick building syndrome (sBs).
Prevents the proliferation of molds, fungi, and bacteria.
Guarantees the healthiness of the environment where it is applied.

& savings.

You can get a higher performance and a lower cost per application with Graphenstone's products. By contrast, paints and coatings with toxic components imply a higher cost per application.

Its use increases the real estate value, since it allows to comply with the energy certification and favors, from the beginning, the economic benefits up to 40%, compared to a traditionally built building.

In addition, the economic savings on energy, heating and air conditioning costs, as well as the maintenance and management costs of the property are significant.





Benefits & Energy Savings.

Up to 40% compared to a traditionally built building





Day care centers,
Children's Areas,
Neonatal nurseries



White rooms,
Radiology
Tomography rooms



Areas of patients
with respiratory
difficulties



Laboratories
Research Centers



Union of efforts

Graphenstone with AIF and HC Group.

The quality and results of Graphenstone products are the reflection of work and constancy. It is a path in order to continue growing, which is important the union of efforts.

That is why Graphenstone belongs to the AIF (Iberian Association of Photocatalysis) and the HC Hospitality Consulting Group.

The AIF aims to bring together all companies that provide photocatalytic construction materials, with the goal of implanting the concept of THE PHOTOCATALYTIC ISLAND within the large polluted cities.

Meanwhile, HC Hospitality Consulting Group is an association that seeks industrial and business solutions for the needs of the public and private institutions of the Health Sector.



PRODUCTS

Biosphere

LIME BASE EXTERIOR PAINT

Ecosphere

LIME BASE INTERIOR PAINT

AmbientPro+

PHOTOCATALYTIC PAINT

GrafClean Ag+

PAINT WITH SILVER ION FORMULA

Proshield

SHIELDING PAINT



Biosphere

Premium

Natural mineral paint with graphene

EXTERIOR



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



EXCELLENT
COVERING POWER

White



Colour



1L | 2.5L* | 3L* | 4L | 10L* | 12.5L | 15L | 20L*

*International markets.

Biosphere Premium is a natural paint with graphene technology for exteriors. It is ideal for decorating facades creating an entirely matte mineral finish in white. Application in construction, restoration and repainting. It creates healthier spaces inside your home, guaranteeing the breathability and health of the building. Thanks to the technology with graphene fibres, it acts as an insurmountable barrier against atmospheric agents that deteriorate mortars and, at the same time, prevents condensations, which cause fungal and unhealthy molds, harmful to building and health.

Recommended for exteriors of all types of buildings in the Health Sector: hospitals, clinics, health centers...

IMPROVES OF ENERGY EFFICIENCY.

CONTAINS A NATURAL BACTERICIDE ADDITIVE.

HIGH COVERAGE.

HIGH MECHANICAL AND CHEMICAL RESISTANCE.

CONTAINTS GRAPHENE FIBRES.



Ecosphere

Premium

Natural mineral paint with graphene

INTERIOR



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



EXCELLENT
COVERING POWER

White



Colour

1L | 2.5L* | 3L* | 4L | 10L* | 12.5L | 15L | 20L*

*International markets.

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 matte
COLOURS	White / Soft Selection

Ecosphere Premium is a natural paint with graphene technology for interiors. It is ideal for decorating interiors with criteria of biohabitability and environmental sustainability, creating an entirely mineral finish in matte. Ideal for application in construction, restoration and repainting. It creates healthier spaces inside your home, guaranteeing the breathability and health of the building. Thanks to the technology with graphene fibres, it acts as an insurmountable barrier against atmospheric agents that deteriorate mortars and, at the same time, prevents condensations, which cause fungal and unhealthy molds, harmful to building and health.

Recommended for interiors of all types of spaces in the Health Sector: rooms, waiting rooms, operating rooms...

ACTS AS A BACTERIOSTATIC AND FUNGITISTIC AGENT THANKS TO ITS HIGH PH (BY COMPARISON WITH PLASTIC PAINT).

CONTAINS A NATURAL BACTERICIDE ADDITIVE.

HIGH COVERAGE.

HIGH MECHANICAL AND CHEMICAL RESISTANCE.

CONTAINS GRAFFIN FIBRES.



AmbientPro+ Premium

Natural photocatalytic paint with graphene
EXTERIOR / INTERIOR



BREATHABLE
PURIFIES THE
ENVIRONMENT



ABSORBS CO₂
SUSTAINABLE
PRODUCT



ELIMINATES
ODOURS

White / Colour



1L | 2.5L* | 3L* | 4L | 5L* | 12.5L | 15L | 20L*

*International markets.

AmbientPro+ Premium is a photocatalytic paint with graphene technology with mineral finish in matte white. It decomposes organic substances and inorganic gases by means of light, whether natural or artificial on titanium oxide nanoparticles, the photocatalytic component. It is ideal for decontamination of pollution in cities. It also favors the elimination of odours from domestic animals, tobacco, etc.

This paint decomposes organic substances and inorganic gases through processes of oxidation, turning them into smaller and harmless compounds. It is ideal for pollution decontamination due to its effect of reducing pollutants by photocatalysis.

IMPROVES THE AIR QUALITY.

RECOMMENDED FOR AREAS OF PATIENTS
WITH RESPIRATORY DIFFICULTIES.

HIGH COVERAGE.

HIGH MECHANICAL AND CHEMICAL
RESISTANCE.

CONTAINS GRAPHENE FIBRES.



GrafClean Ag+ White Premium

Ecological antimicrobial paint
INTERIOR



ANTIMICROBIAL
EFFECT



VERY GOOD
COVERING POWER
WASHABLE



BREATHABLE
PRODUCT

White



1L | 4L | 15L

Available formats

PERFORMANCE (2 coats)	5-8 m²/L
PERFORMANCE (1 coat)	10-16 m²/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	Matte
COLOURS	White

GrafClean Ag+ Premium is an ecological paint with graphene technology and Ag+ Ion which confers antimicrobial properties preventing the growing of bacteria, fungi, viruses and protozoa. Indicated for zones of continuous cleaning. Thanks to the technology with graphene fibres, it acts as an insurmountable barrier against atmospheric agents that deteriorate mortars and, at the same time, prevents condensations, which cause fungal and unhealthy molds, harmful to building and health.

Ideal for decorating facades and interiors of buildings, homes, hospitals, clinics, etc. It is perfect for areas that require continuous cleaning. Highly recommended for nurseries and schools, children's areas, school canteens, hospitals, etc.

SILVER ION Ag+ ANTIMICROBIAL FORMULA.

RECOMMENDED FOR CONTINUOUS
CLEANING ZONES.

EXCELLENT WASHABILITY.

HIGH COVERAGE & HIGH MECHANICAL AND
CHEMICAL RESISTANCE.

CONTAINS GRAPHENE FIBRES.



Proshield

Premium

Conductive shielding paint with graphene

EXTERIOR / INTERIOR



PROTECTION
AGAINST RADIATION



ATTENUATION
32 dB at 900 MHz
(IEEE 299:2006).



FREE OF METALLIC
COMPONENTS



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 an emulsion of a pure acrylic of high quality in aqueous medium. Designed for protection against high and low frequency electromagnetic radiation. It does not contain any metallic components. It is water resistant and has a high adhesion to surfaces such as plastic paint, construction boards, cement, plaster, polystyrene, masonry surfaces, etc.

It is used in medical sector to prevent incorrect measures of patients. Also to protect confidential areas in data centers, technical spaces, schools, children's rooms, hotel rooms, hospitals, etc.

RECOMENDADO PARA REDUCIR LOS EFECTOS DE LA HIPERSENSIBILIDAD ELECTROMAGNÉTICA

APTO PARA LA CREACIÓN DE SALAS BLANCAS

PROTECCIÓN EN SALAS DE RADIACIÓN

ALTO PODER DE CUBRICIÓN

ALTA RESISTENCIA MECÁNICA Y QUÍMICA

CONTIENE FIBRAS DE GRAFENO



Quality & Certification



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.



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
Firenzza (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.



“Graphenstone eliminates any concept of waste and becomes a product with a green life cycle.”



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.



Green Tag Certified™
Green Rate | LEVEL A



Biosphere Premium
Ecosphere Premium
Stuki Premium
AmbientPro+ Premium
Kratzputz Premium



Green Tag Certified™
Health Rate | GOLD

Biosphere Premium
Ecosphere Premium
Stuki Premium
AmbientPro+ Premium



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

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

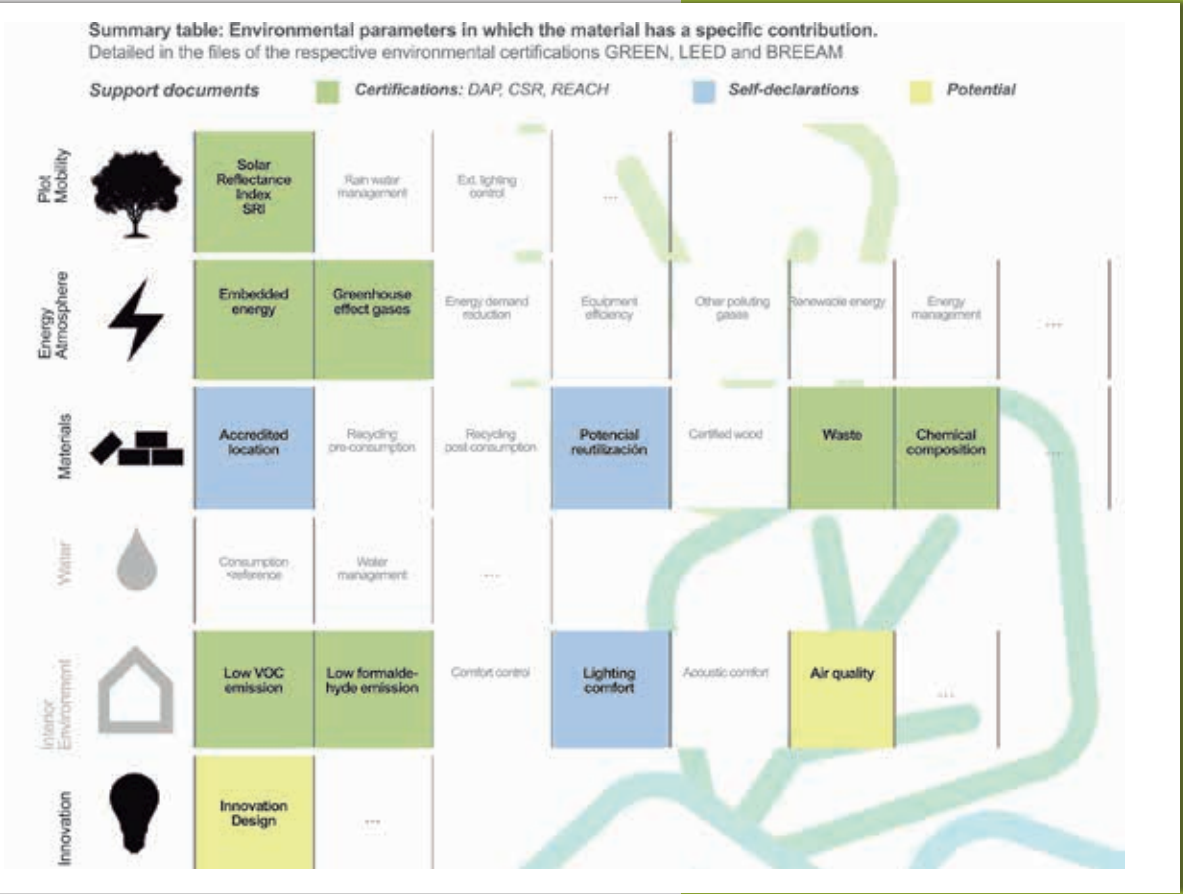
Graphenstone® lime based product contribute to the achievement of the certifications: LEED v4, LEED v2009 and BREEAM ES.

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



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



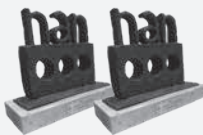
"The Best Sustainable Element"
Best Sustainable Element Award Denmark - Oct. 2017



"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

GRAPHENSTONE

THE ORIGINAL & AUTHENTIC

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