



# GRAPHENSTONE

THE ORIGINAL & AUTHENTIC

**Projects 2019**

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ECO-BUILDING

# Park 20 | 20

A building built with Graphenstone's products becomes a benchmark.

Park 20 | 20 is the first of its kind in the world. Built on the principles of Cradle to Cradle it is leading the way in ambition for a circular economy. Park 20 | 20 is where people, the environment, and economic feasibility is the foundation.

It is a business park where the quality of the spaces that are marketed directly affects the performance and efficiency of workers as well as decreases work absenteeism.

(Source: Delta Development Group certified by KPMG).

As an official supplier within the companies circuit at Park 20 | 20, Graphenstone provides ecological materials from our Premium range.





## ECO-BUILDING

# The Living House

### First New Zealand's Zero Energy House & Passive-House.

The Living House aims to become the first Living Building Challenge certified building in New Zealand. This home is an excellent example established by Zero Energy House (ZEH), which achieved Net Zero Energy Certification and Passive House Certification.

The project aims to be the most advanced sustainable construction and a positive solution within the built environment. In this way, The Living House will be consolidated as the first "Passive House" and self-sufficient housing, also contributing a positive impact on the plot on which the house is located.





RENOVATION

# Ecological Housing

Sustainable Housing in the old town of Barcelona

Eco-Building Barcelona is the first ecological wooden building built in the old quarter of Barcelona. Due to the ecological nature of the project, Graphenstone Premium products were used for all interior coatings.





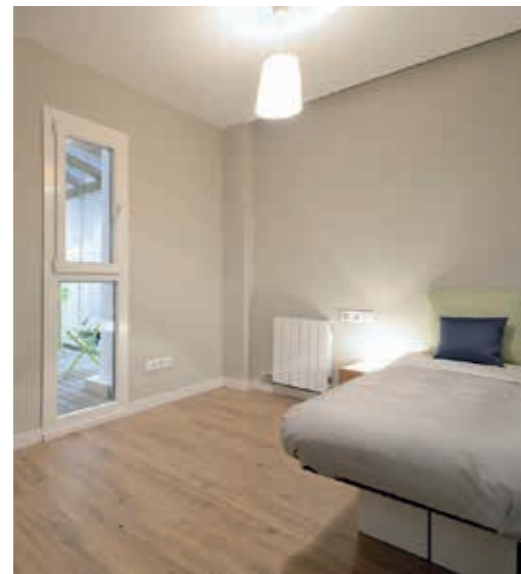
ECO-BUILDING

## Healthy Apartment

The healthiest apartment in Spain painted with Graphenstone.

The healthiest apartment in Spain is a project of the real estate developer Privalore. In it, a large number of the 540 variables promoted by the Wellness Building Standard® are being applied. These are grouped into 7 categories: air, water, light, nutrition, fitness, comfort and mind. All of them work together so that, both a building, its structure and content, protect and extend the life of the families who occupy them, always in a sustainable way for the environment.

For this project, the range of Graphenstone's toxin free products, with health promoting or ecological certificates, were used in conjunction with a waste free construction process. Shielding measures which eliminate the harmful electrical, electromagnetic and terrestrial radioactivity of the bedrooms have been used.



RENOVATION

# Natural Colours

An oriental style apartment renovated with eco-friendly paints.

A comprehensive upgrade using Premium coatings and paints from the natural Graphenstone ColorSystem for an apartment in Seoul, Korea. The project was developed by the prestigious architectural studio Daniel Valle Architects, prescribing the Premium range and the Graphenstone ColorSystem.



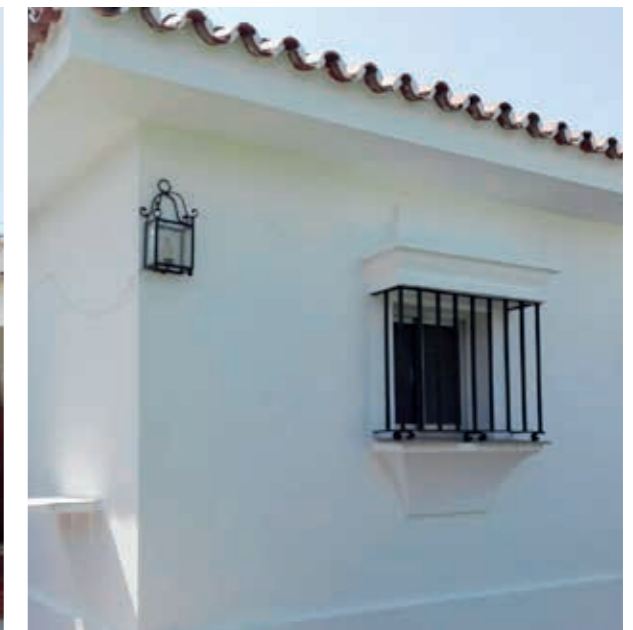
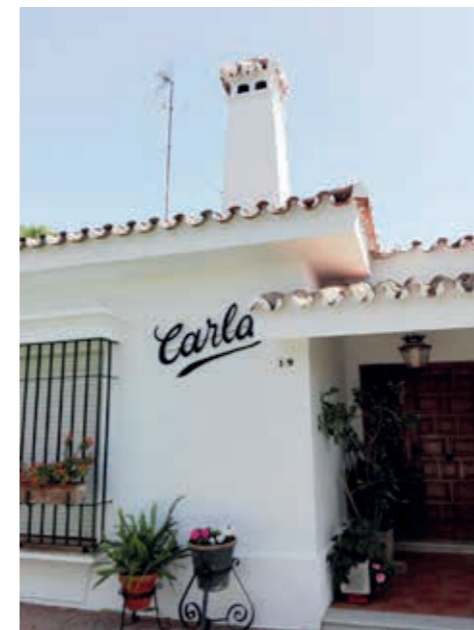


RENOVATION

# Traditional House

Renovation of a traditional house of the south of Spain.

Graphenstone paints and coatings offer a completely mineral matte finish, so characteristic of the traditional facades of southern Spain. An example of this is this cortijo (traditional house) in Puerto de Santa María, which has been repainted with Biosphere Premium, an ecological paint formulated with artisanal lime and graphene technology, which provides great breathability and absorption of CO2.





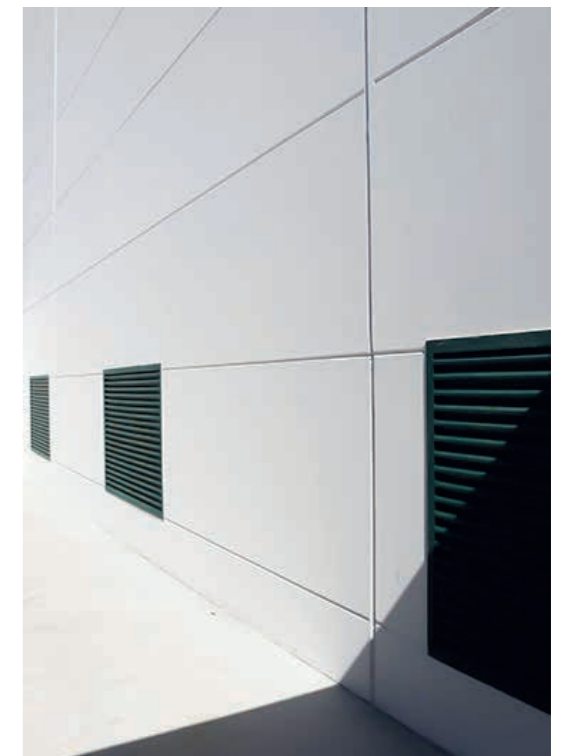
RENOVATION

# Sports Centre

The first sports centre in Spain that absorbs CO2

The City Council of Mairena del Alcor (Seville, Spain) is launching a renovation project to make its city a much greener place. At the initiative of its mayor, Mr. Ricardo Antonio Sánchez Antúnez, the Antonio García Sports Pavilion has been renovated with Graphenstone products, making this sports centre a much healthier place.

In this project we have mainly used AmbientPro+, a photocatalytic paint capable of capturing harmful particles and breaking them down thanks to the impact of light.





HIGH DECORATION

# Creative Studio in Barcelona

A farmhouse in the middle of nature turned into a creative studio.

This 17th-century farmhouse, converted into a creative studio, is located in the heart of the countryside and has been restored under the highest criteria of energy efficiency and ecology. Its special location, and the materials used, make it the only studio-dwelling in the energy self-sufficient area, whilst also combining textures with its historical architectural values.

The restored spaces of the studio preserve the spatial and historical dimension of its original architecture. The stone has been treated to unify and recover the lost natural tone, returning the warmth to its original quality and, in the same way, to the doors, windows and beams. Every detail of the building relates stories from the past. The most important elements of the studio have combined a contemporary style with that created by the original artisans from the past.



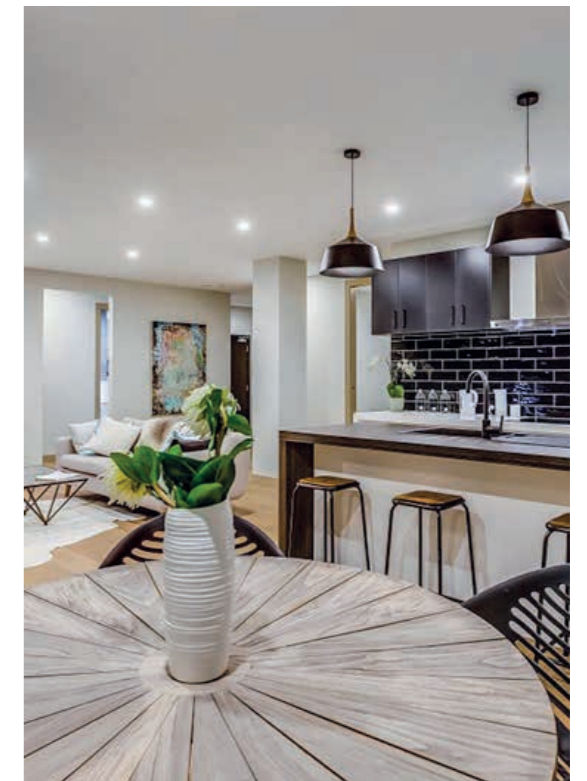


HIGH DECORATION

## Ecological & healthy decoration

Auckland (New Zealand) at the head of sustainable decoration.

Auckland, in New Zealand, is nowadays one of the 10 most sustainable cities in the world. This apartment has been redecorated with Graphenstone Premium range, a series of ecological and non-toxic paints with health promoting certificates. Ecosphere Premium, an extra-white natural paint that absorbs CO2 during its carbonation process, has been used in the project. Internal walls have been painted with our GCS Interior Premium paint range that offers a wide variety of colours, from pastel to dark shades.





HIGH DECORATION

# Mediterranean minimalism

Whiteness and Mediterranean minimalism of the Spanish coast

The Spanish construction company and promoter Larcosta International has chosen the Graphenstone Premium Range for the interior and exterior coatings and finishes of its pilot houses, located on the Mediterranean coast. With innovative designs and unbeatable views of the Mediterranean sea, these homes offer their inhabitants a health promoting environment with the highest standards in ecology and quality. For the exteriors, MortarSuper Premium has been used. A perfect mortar for high decoration finishes. For the interiors, Ecosphere Premium has been used. This CO2 absorbing paint has a purity of whiteness in excess of 98% due to its high quality lime base.



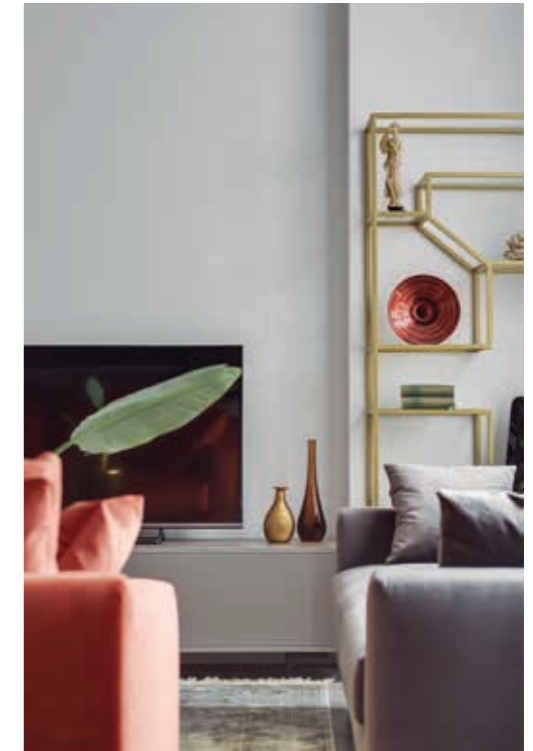


HIGH DECORATION

# Bassano & Sivak Studio

High decoration apartment in the center of Kiev

The design studio Bassano Sivak did not hesitate to rely on the quality and performance of Graphenstone products to carry out the total renovation of the apartment in Kiev, Ukraine. For this project Ecosphere White Premium has been used for the walls of the living room and dining room; whereas, GrafClean Premium has been chosen for the kitchen, given its high washability.



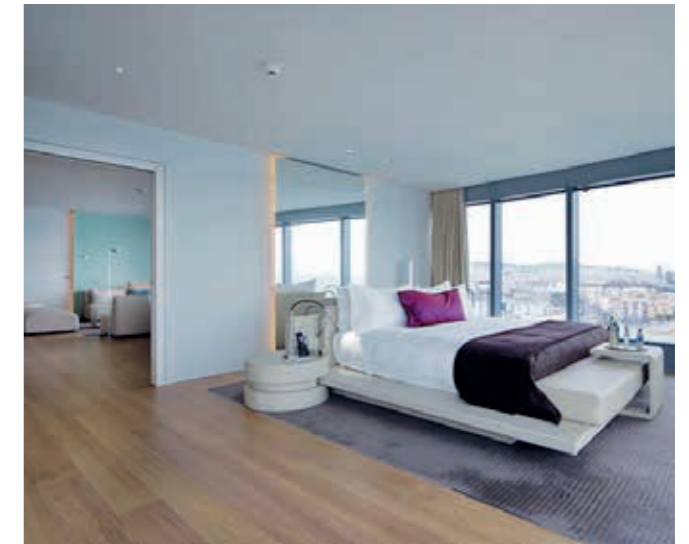
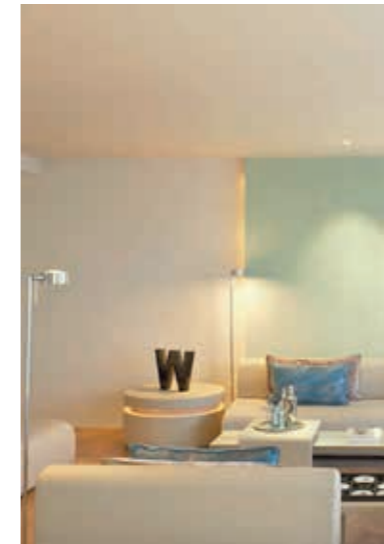


HOTELS

# W Hotel Barcelona

An emblematic exterior with a healthy interior.

Graphenstone is the official supplier of paint and ecological solutions for the emblematic Hotel W, better known as Hotel Vela, in the city of Barcelona. The engineering department opted for Graphenstone products thanks to their remarkable performance to counter humidity. In addition the absence of any odours, following paint application, allows immediate occupancy of the rooms as well as a substantial increase in air quality.





## HOTELS

# Palace Iberostar

A hotel between the sand, the sky and the sea of the island of Fuerteventura.

The 5-star Palace Iberostar hotel is located between the sea, the land and the sky of Jandía on the island of Fuerteventura (Las Palmas). This luxurious newly built hotel has been coated with Graphenstone MortarBase Premium ecological mortar. A lime mortar of excellent quality containing graphene technology that has been pigmented to obtain a natural colour, in tune with the nature in which this construction is located.



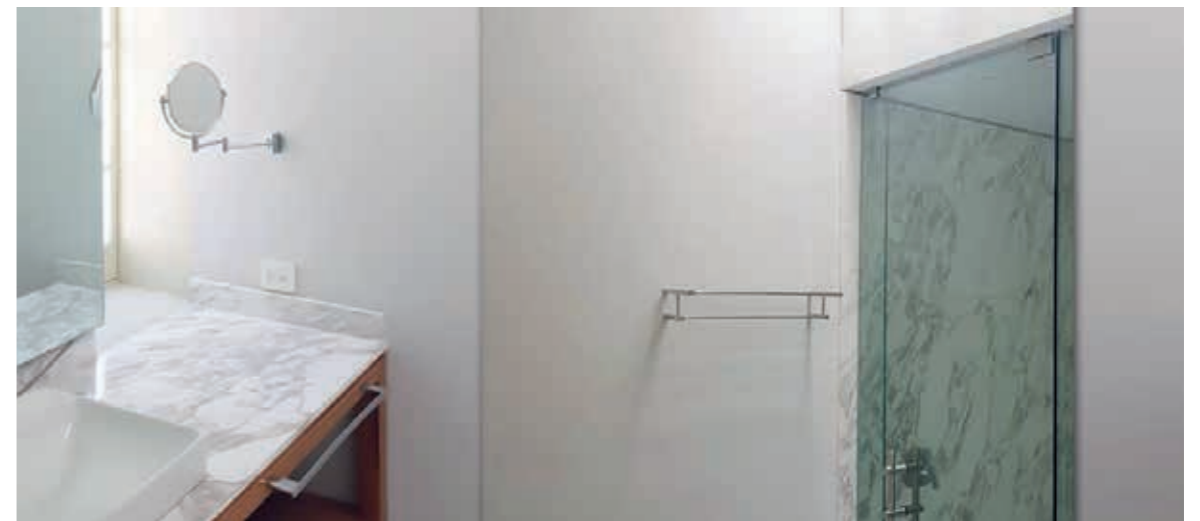


HOTELS

# Boutique Hotel

## New construction of the Casa Trias boutique hotel in Mexico

The Boutique Hotel Casa Trias, located in Mexico, has been renovated using GrafClean Premium. This is an ecological paint with graphene technology that has a matt finish, which, thanks to its high resistance to washing, is ideal for areas that require regular cleaning. Graphenstone products are perfect for hotels as guests can occupy the newly painted room and enjoy a healthier, cleaner air.





## HOTELS

# Lounge Hotel

Renovation of historic facade in the center of Madrid

Located in one of the most prestigious streets of the Spanish capital, Only You Lounge Hotel has been renovated with Graphenstone products. The hotel group chose our premium range for an integral restoration of the entire exterior façade of this emblematic Madrid building.

Built in the style of the noble houses of the 19th century with the façade conserved intact, this hotel delivers the concept of "Hotel Lounge"; modernising the idea of tourist accommodation, offering an environment of contemporary urban comfort and also helping to further enhance the local area.





HOTELS

# Ca Na Barons Villa

A rest villa in the mountain of tramontana

Atmospheric phenomena can have a detrimental effect on our homes. This is what happened with this house located in the Sierra de la Tramontana, in Mallorca, whose facade was damaged by the strong winds and the humidity that comes from the coast. Graphenstone products have been used to repaint it. Firstly, anti-algae primer AmbientPrimerL44 has been applied, then Biosphere Premium which is an ecological lime-based paint containing graphene technology which, in addition to its high degree of whiteness, provides both high resistance and breathability whilst protecting against condensation and mould formation.





SCHOOLS

# Olympia Schools

Healthy spaces and wellbeing for children

Graphenstone renews The Olympia Schools in the city of Hanoi (Vietnam). For this renovation, the GCS Exterior and GCS Interior colour system have been used to achieve bold colours within the criteria of bio-habitability and sustainability.





SCHOOLS

# Deutsche Schüle

Healthy spaces and wellbeing  
for children

German School (Deutsche Schüle Seoul) Seoul, Korea. Children's interior spaces require special attention. This school was decorated using Graphenstone paints. The Graphenstone products are suitable for schools and educational environments, in order to improve air quality and care for children and students.





## HEALTH SECTOR

# Hospital Area

### Sustainable materials for the health sector

The Hospital Area of Panama is a complex of health facilities located in the western area of Panama City. The facilities will have a constructed area of 219,000 square meters, and be equipped with 43 operating rooms, in excess of 284 consultation rooms and 1,235 beds. The project has been designed by the Spanish study TASH (Architecture Workshop Sanchez Horneros), which has taken into account the environmental and meteorological conditions of the area and adapted it to the climatic demands of the country.

The ecological and technological nature of the Graphenstone product range has been key to the awarding of this project, as Graphenstone paints and coatings meet the highest health and bio-habitability requirements.



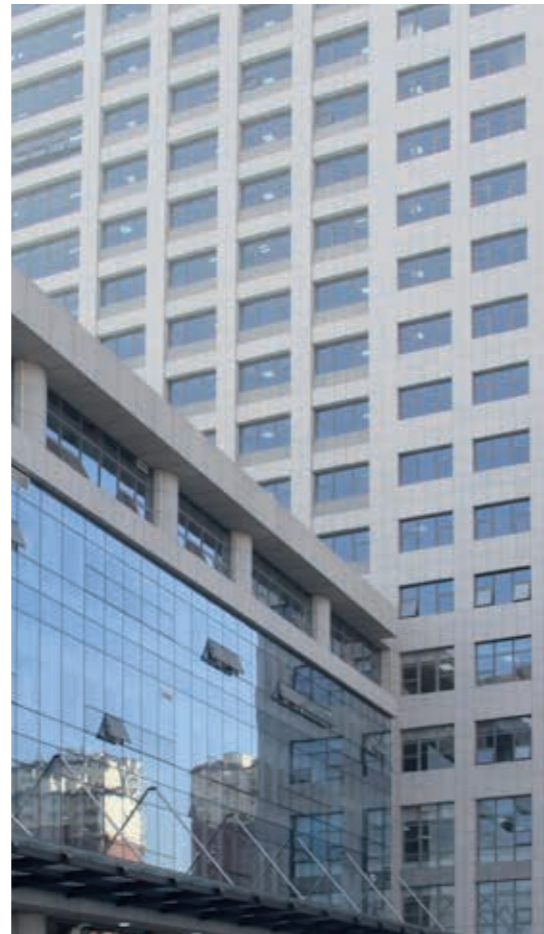


HEALTH SECTOR

# Sixth People's Hospital

Sustainable materials for the health sector

The Jinan Sixth People's Hospital (Jinan, China) is a large project in excess of 100,000m<sup>2</sup> using Graphenstone Premium products. The cleansing and decontaminating action of the paints, combined with their high performance and quality, were key elements in the decision to use Graphenstone products in a highly clinical environment.





HERITAGE

# Cathedral of Panama

## Restoration of the Sta. María la Antigua Basilica in Panama City

The Premium range of Graphenstone's products have been selected for the internal and external restoration of The Panama Cathedral or "Santa María la Antigua" Basilica of Panama. The Cathedral is located in the old town and was consecrated in 1796, although construction work began in 1688. The cathedral is the episcopal seat of the Archdiocese of the capital.

The restoration works will have Graphenstone Panama applicators and technical directors from the headquarters of Graphenstone, Spain who will re-locate to Panama for the duration of the project.



Biosphere Premium has been chosen for the exterior, Ecosphere Premium for the interior, MortarBase Premium, MortarFine Premium, Naturlglue Premium, along with mineral and anti-humidity treatments which will be used to enhance and protect this historic architecture.





*Volumetric reconstruction of the stairs of the Cathedral of the capital with the products of the Premium Range. The foundations have been consolidated with Minerseal, a consolidating treatment for uncontained and sand-blasted supports. Fiberglass rods have been placed with injections of Naturglue, an ecological repair mortar with great adhesion and flexibility.*

*The rungs have been recomposed with MortarBase, a natural lime mortar and graphene with a thick finish ideal for restoration. To imitate the marks of the passage of time, stencils have been created with Pigmented Minerseal. With the aim of protecting the support, Hidroxeal has been applied, a hydrophobic treatment for mineral surfaces in humid areas.*



*This sacristy pool from 1762 has been donated for the restoration of the Cathedral, which is being carried out with Graphenstone products. For its volumetric reconstruction, pigmented MortarFine Premium has been used, a natural mortar with graphene technology and excellent adhesion and resistance.*







HERITAGE

# Heredia Theatre Colombia

Restoration of Colombia's cultural heritage

Heredia Theatre, Colombia. Interior and exterior restoration project using Graphenstone products. It is the city's main theatre and its most beautiful and prestigious building. Part of the Historical Heritage of Colombia, it is an architectural gem displaying superb frescoes on its central ceiling.





HERITAGE

## Museum of Fine Arts of Seville

Restoration of the facade and inner central courtyard of the Museum of Fine Arts of Seville

Restoration of facade and inner courtyard of the Museum of Fine Arts of Seville (Spain). Established in September 1835 and officially opened in 1841, it is currently considered one of the most important art galleries in Spain.





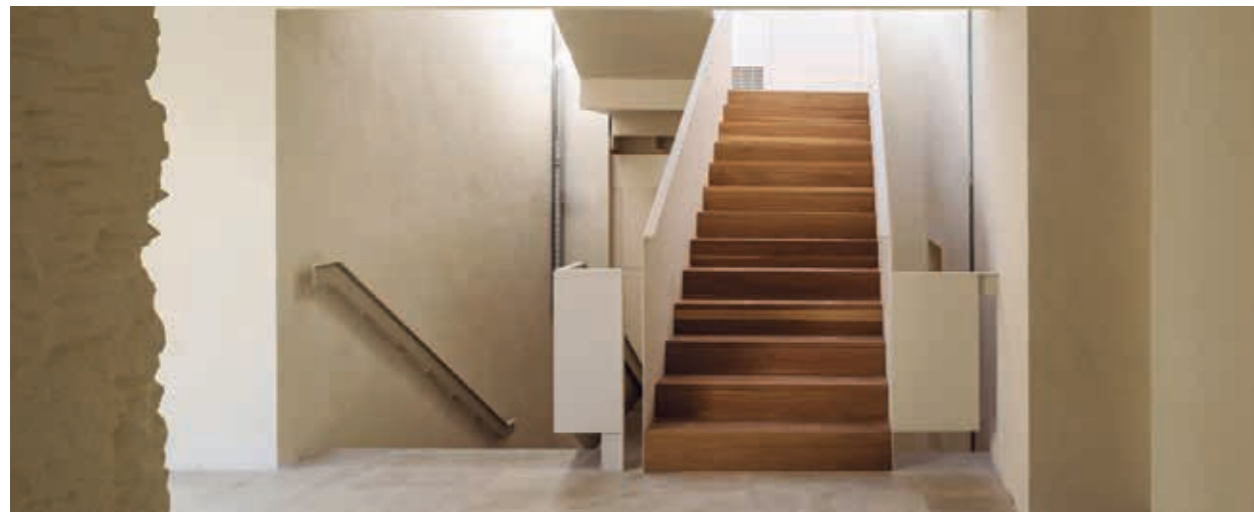
HERITAGE

# Ignacio Halcón Cultural Centre

An XVIII century palace restored and converted into a Cultural Centre

It was an eighteenth-century palace, located in the heart of the Old Town of Lebrija (Seville), conjoined with the Plaza de España and the Town Hall. The building was gifted in 1948 by its heirs to accommodate an educational site. It was then abandoned in the 1980's until, a few years ago, the long process of an integral rehabilitation was undertaken to provide the town with a new Cultural and Social Development Centre.

The renovation was carried out by the construction company, Alberto Domínguez, and applied by the technical team Francisco Moreno. Minerseal Premium was used for the consolidation of the supports, in addition MortarBase and MortarFine were used for the ironed texture finishes.





HERITAGE

# Kedah State Art Gallery

Restoration of the state art gallery of Alor Setar.

Restoration of Kedah State Art Gallery in Alor Setar, northern Malaysia. Graphenstone has been used to restore a building that combines the style of ancient Roman architecture with that of the Far East. The gallery has been restored to its original beauty. Its construction began in 1893 and was completed in 1912. This well-known gallery was officially opened by Sultan Abdul Hamid Halim of Kedah as the first modern government building in Alor Setar. On each of its pillars, there are vertical carvings and on each door is the Kedah emblem.



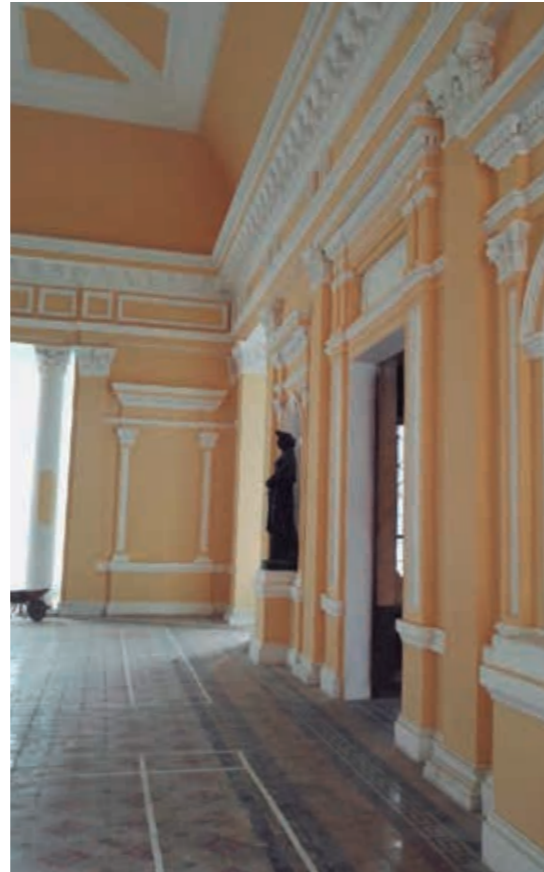


HERITAGE

# Ho Chi Minh Courthouse

Restoration of the Palace of Justice in  
Ho Chi Minh City, Vietnam

The Ho Chi Minh City Courthouse in Vietnam has been restored using Graphenstone paints and coatings. This project, which will preserve its original architecture and details, will also help to build a better future thanks to our ecological and natural products.





HERITAGE

# French Embassy in the US

## Repainting of the Embassy of France in Washington D.C.

The Embassy of France, in Washington, D.C., is the main French diplomatic mission in the United States. It is situated at 4101 Reservoir Road, Northwest, Washington, D.C., just north of Georgetown University.

The embassy, which opened its doors in 1984, has been renovated with Graphenstone products. For this project our range of Premium, lime-based, CO2 absorbing paints with graphene technology have been used for the repainting of exteriors and facades.





STORES

# Fashion stores renovations

Renewed commercial spaces worldwide

Restoration and new projects for top end international groups in the fashion industry. The high quality of Graphenstone, its excellent results in stores and its beneficial energy-environmental ratio makes it the official product of important brands worldwide.





STORE

# Puro Ego

New Puro Ego store in the center of Seville

The PuroEgo chain of stores have joined the many other brands looking for health promoting solutions for their premises. For the renovation of the store in Seville, the Graphenstone range of paints was used giving a 100% ecological solution that improves indoor air quality. A healthier space for clients and staff alike.





STORES

# Press & Reset

An ecological juice shop in the center of Barcelona

Ecological juice shop in the centre of Barcelona. Due to the natural and ecological philosophy of Press & Reset, Graphenstone products were used in this new eco-store, creating a space as natural as the juices that are marketed there.





CINEMA & TV  
"La Peste"  
TV Series

Creation of the scenarios for the spanish TV serie "La Peste"

The film sets of the famous series "LA PESTE" have been developed with Graphenstone products and carried out by #Makropinturas. The television series has been recorded in more than 130 locations, by more than 400 technical professionals, more than 2000 extras and almost 200 actors; for that reason "EL PAÍS", the Spanish newspaper, has described it as "the best premiere in Movistar +". Graphenstone products are ideal for filming, set stage setups, ephemeral architecture, theme parks etc, thanks to its superb quality finishes, its excellent adhesion and workability.

In addition to being 100% ecological our products offer a variety of exceptional colours and durable natural bases.





# 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

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## PAINTS FOR THE *green* GENERATION

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