



INSPIRATIONS

# FACADES

Exceptional stains for architectural projects





# Summary

## OUR COMPANY

We support you in your most ambitious projects

**02**

## COLOURED CONCRETE STAINS

A complete range dedicated to the aesthetics of concrete

**10**

## CLEAR SEALERS

A complete range of colourless sealers for concrete and stone

**182**

## TECHNICAL SPECIFICATIONS

Our specification department helps you finalise your project

**250**

## INDEX

Projets listed by materials and type of building making the search easier

**264**

# For 35 years, we have been supporting your projects

Guard Industry is a French company specializing in the research, development and manufacture of cosmetics for materials.

With 35 years of expertise in cleaning, protecting and embellishing materials, we support all of our clients on a daily basis on emblematic but also more confidential projects.

Our expertise is recognized worldwide and our products are used over several million square meters each year.

Our skills have won us contracts at famous sites such as Tiananmen square in China, Notre Dame Cathedral in Paris, the Colonnades of St Peter's Basilica in Rome, Qatar National Museum or the Marseillaise tower.

## KEY NUMBERS

**35**

years of  
experience  
in the care  
of building  
materials

**02**

production  
sites in  
France and a  
cutting-edge  
laboratory

**60**

countries  
where our  
products are  
sold

**10**

years of  
guarantee by  
AXA for our  
protection  
products

**04**

ranges of  
products to  
clean, protect  
and embellish  
materials

Guard Industry is a French team of fifty people and an international network in more than 60 countries. Today, our employees support projects all over the world.

All the skills are gathered within Guard Industry in order to provide you with the best possible support from the design of the product to its implementation on site.

## We support you worldwide



A team at  
the service  
of your ideas

## We embellish and make your buildings last longer

You have nurtured your project and designed it to make its mark on the history of architecture. It deserves an exceptional finish that will enhance it and preserve its beauty down the years.

For more than 35 years, we have been supporting architects with our expertise, providing them with innovative and high-performance solutions for the protection and aesthetics of their designs.

## Our stains are the finishing touch that makes the difference

Whether colourless or coloured, our finishing stains aim to enhance the value of pieces of architecture and ensure their durability.

True cosmetics for building exteriors, Guard Industry stains are the final touch that makes the difference, that enhances a piece of architecture and makes it unique.





Barnabé Wayser,  
Guard Industry's CEO

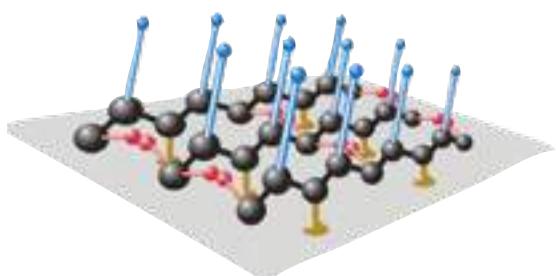
« What is the common point between St. Peter's Basilica in Rome, Notre-Dame de Paris cathedral, the Petit Palais, Moscow university, Tian An Men square, Westminster streets, Qatar National Museum, the Marseillaise tower, Paris Orthodox Church, Nasik Swaminarayan BAPS temple, Hanoi airport and soon your building? »

Look no further, Guard Industry's products have been used on all these projects. Contact us whether you want to know more about our solutions. Trust us and let us take care of your buildings.

Guard Industry is the aesthetic solution for construction materials, the finishing touch that makes the difference! »

# We develop state-of-the-art products

- **LRVision** - Engineering company specialized in concrete aesthetics
- **Eurofins** - Market leader in testing and laboratory services
- **CEBTP** - Research Experimental Centre for Buildings and Public Works
- **CREPIM** - Laboratory for development and approval of materials covered by fire regulations
- **LNE** - French National Laboratory of Measurement and Metrology
- **LMDC** - Materials and Durability of Construction Laboratory
- **SIMCO Technologies inc** - Expert in materials
- **Kiwa** - Testing, Inspection and Certification services
- **Thomas Bell-Wright** - Certification body
- **Afnor** - French Standardisation Association
- **Lucideon** - Materials and products consultancy, testing and technology
- **DVI Labo** - Analysis laboratory
- **SGS** - Inspection, verification, testing and certification company



For 35 years, Guard Industry has been committed to developing state-of-the-art products.

We use technologically advanced molecules: bio-based resins, acrylic polymers, silicate, polyurethane, siloxane, and silane. These high performance molecules give the best oil and water repellent properties and a high resistance to abrasion.

With 12 active patents, Guard Industry continues to innovate and surprise the construction industry.

Efficiency of our products have been approved by international testing centres

## Tests carried out:

Hydrophobic test - Oil resistance test - Water absorption test - Test of resistance to abrasion and UV - Test of resistance to penetration of inks and graffiti - Toxicity test - Test of resistance to alkali, Flammability test, VOC emissions test - Food contact - EPD...

All our test reports are available upon request.



## 10 year quality guarantee

Our expertise in oil and water repellency allows us to provide a ten-year worldwide guarantee\* (contract subscribed with AXA Company).

This guarantee is valid for ProtectGuard® Color applications made by an approved building professional.

(\* ) Except USA and Canada



## 25-year colour guarantee

Our long-standing expertise in colour and our rigorous selection of high-quality raw materials for our coloured stains, we are able to offer a twenty-five years performance guarantee worldwide.



# Guard Industry, a green commitment for over 35 years

At Guard Industry, we are committed to integrating environmental protection into the design of our products in order to reduce their environmental impact as much as possible.

The majority of the products we formulate are therefore:

- Water-based.
- Bio-based: formulated with plant-based ingredients.
- Over 90% biodegradable (according to OECD standards).
- With a low level of VOC (Volatile Organic Compounds) and A+ rating for indoor air emissions.
- Free of petroleum solvents and silicone.
- Non-toxic/ non-hazardous.

In all human activities, the time has come for a green economy. Especially in the construction industry since constructing a building has an impact on the environment at all stages (energy consumption, waste generation, etc.). Moreover, the products used for its production, maintenance or cleaning are still too often aggressive and harmful to humans and nature.

From our beginnings we have always been committed to sustainable development. Our products are developed to rigorous specifications in terms of environmental impact and safety.

## Eco-design to limit the environmental impact

LEED

Products from the ProtectGuard® and ProtectGuard® Color ranges got the LEED certification regarding their VOC rate. LEED (Leadership in Energy and Environmental Design) was developed to encourage the construction of energy and resource-efficient buildings that are healthy to live in. LEED is the most widely used green building rating system in the world.



# TIME FOR A GREEN REVOLUTION !



## PLANT-BASED FORMULATION

The range of biobased products is designed and manufactured in France using plant-based raw materials from natural, renewable resources.

The use of plant-based molecules represents an eco-responsible alternative to environmentally damaging fossil fuels.

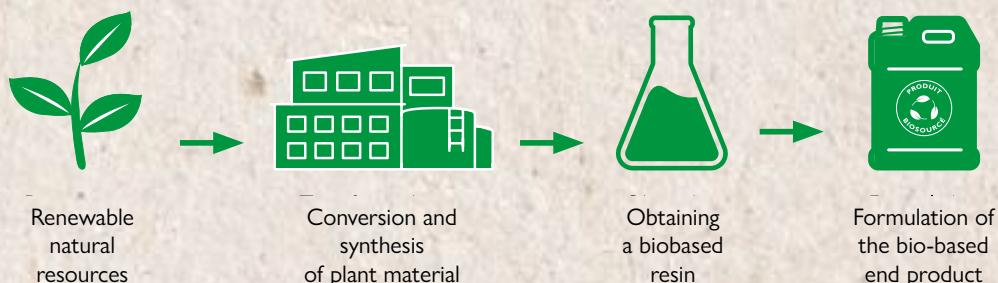
Guard Industry thus offers its customers an alternative to traditional products while maintaining an optimum level of quality, in full compliance with current safety standards.

## COMBINING BIOMASS AND PERFORMANCE

Using plant resources without impacting the performance of our products is the mission we have set ourselves. Our new range is the result of several years of research and development and has been tested by external laboratories.

## FROM NATURE TO THE CAN

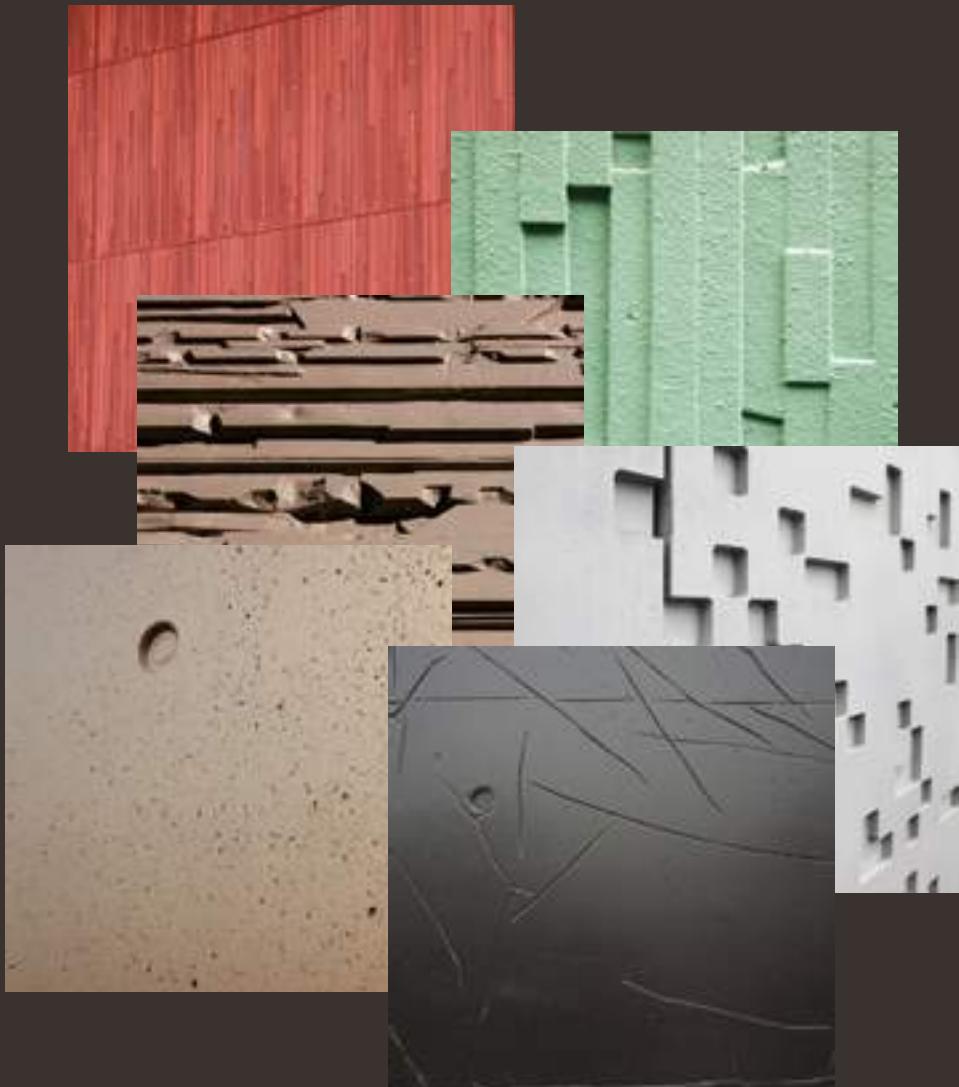
We source plant-based raw materials (maize, beetroot, tree resin). The plant material is then synthesised to produce a biosourced resin. It is this resin that we use in the final formulation of our products.





Water-repellent, oil-repellent, anti-stain and anti-graffiti.  
A range of coloured stains to take care concrete.

# Embellish and protect concrete



# A complete range for the aesthetics and protection of concrete

Drawing from our 35-years experience in concrete aesthetics and protection, Guard Industry's range of coloured mineral stains combines protective properties with mineral pigments for subtle colouring. Guard Industrie mineral stains colour concrete while preserving its mineral character. In addition to colouring, they also provide water-repellent, oil-repellent and even anti-graffiti protection to preserve the beauty of structures.



## Protect concrete

### **ProtectGuard® color stains protect from water, oil and even graffiti.**

Treated structures become impermeable and repel water. Our concrete stains thus limit the harmful effects of moisture (erosion, efflorescence or surface salts, micro-organisms, freeze-thaw cycles...)

They also stop greasy stains penetrating and retard the return of grime. Buildings are easier to maintain.

- Preserves concrete's mineral character
- Allows the substrate to breathe
- Protect against water and oil
- Protects against stains and pollution
- Anti-graffiti properties



Beading effect on concrete treated with ProtectGuard® Color



## Embellish concrete

### **ProtectGuard® Color stains give a new aesthetic dimension to projects.**

They are decoration products, which colour whilst at the same time retaining the mineral look of the treated surface. They are also used to homogenize the aesthetics of concrete.

The extremely wide range of choices (colour, opacity, finish) makes it possible to obtain a unique and infinitely customisable look.

# Tailor-made solutions for a unique finish

With ProtectGuard® Color products, creativity is without limits. **You choose the colour, the finish and the opacity and obtain a unique and infinitely customisable finish.**

ProtectGuard® Color stains are available in two colour charts:

- 126 standard colours in matt or glossy finish. Each colour is available in three different opacities: opaque (100%), semi-opaque (50%) and semi-transparent (10%).
- 30 high jewellery shades with metallic, pearlescent or iridescent effects.

Guard Industry helps clients and applicators to define the best colour according to the project. Depending on the particular requirements of the client or site, Guard Industry is able to create any opacity and custom-made colour.



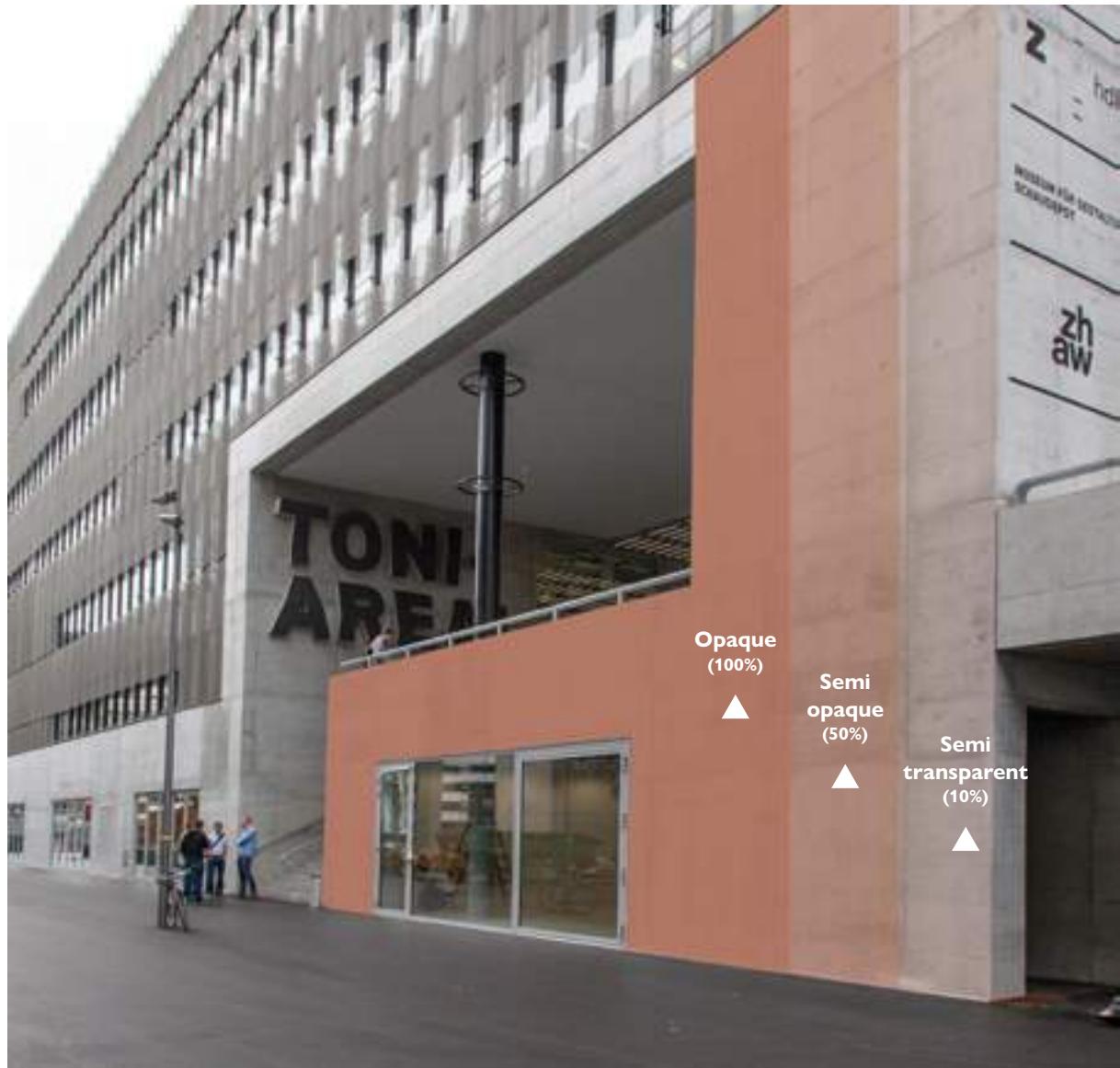
We are able to customise ProtectGuard® Color's colour and opacity to obtain a unique finish

# See through the concrete

**ProtectGuard® Color stains enhance concrete by allowing its surface and its mineral look to be seen.**

The final colour of concrete treated with ProtectGuard® Color stains depends on the colour of the concrete, the colour of the stains and its opacity.

ProtectGuard® Color stains are available in 3 opacities: opaque (100%), semi-opaque (50%) and semi-transparent (10%). A colour with a low opacity index has less covering power, in which case the initial colour of the concrete has a greater interaction with the final colour. On the contrary, with a high opacity index, the initial colour of the concrete has less interaction with the final colour.



# Choosing the right opacity



## Concrete appearance and desired finish

To choose ProtectGuard® Color opacity, it is necessary to take into account the concrete's initial appearance and the desired finish.

Depending on the opacity, it is possible to obtain an opaque or semi transparent finish to showcase the concrete in its rough state. As a result, a homogeneous concrete should be treated differently to a concrete with colour disparities.

## Application tool

The application tool will also influence the opacity choice. Our glazes can be applied with HVLP spray equipment or a roller.

HVLP application provides excellent transfer efficiency without material loss. It avoids excessive thickness and streaks. Any opacity can be applied with HVLP equipment.

Roller application is also possible. This technique is easier for non-textured smooth surfaces.

# On-site or factory application

Guard Industry works closely with architects and concrete manufacturers to develop the solutions best adapted to their requirements. Our concrete stains can be applied directly on site. In this case, we offer a network of approved applicators to ensure optimal application. We have also established partnerships with the largest precast concrete companies for direct application in the factory.

We have also developed a range specifically for precast manufacturers, designed for direct application in the factory on fresh concrete. The products in the Express range offer practical and economical solutions, saving significant time and reducing resource consumption, while ensuring optimal protection and high-quality aesthetics for the finished products.



## Guard Industry's expertise for its new factory

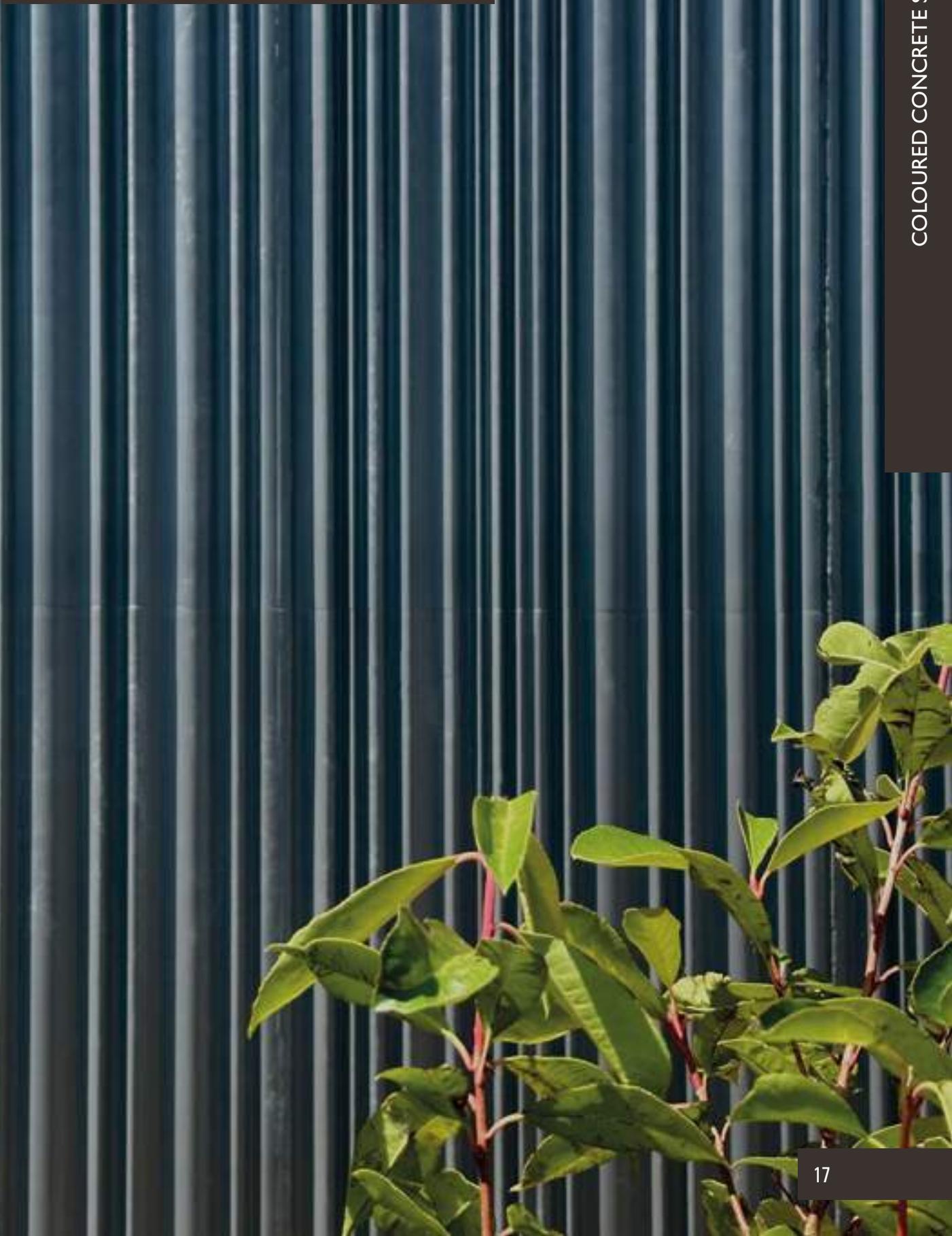
Located in the Toulouse region, this new-generation factory demonstrates the company's commitment to providing high-quality products and exceptional service to its customers.



Built south of Toulouse and inaugurated in 2023, our new factory can produce several dozen tonnes per day and is a real showcase for our expertise in facades, walls and floors, all clad with our products. It also includes a showroom, our laboratory and our logistics platform.

This building reflects our commitment to the environment with its drainage floors, photovoltaic panels that power the factory, and dual thermal flow.

- Project: Guard Industry factory, Escalquens (France)
- Architect: BORO
- Material: Concrete
- Product used: ProtectGuard® Color, ProtectGuard® Color Anti-Graffiti, ProtectGuard® CE...
- Colour: Different colours from the Guard Industry colour chart
- Application: AD2France



# Maroua Bahij, Guillaume d'Oliveira and Sérena Rolet, founders of the BORO agency

*«For Guard Industry's new production site, we were looking for an architectural expression that would meet the company's industrial requirements — a building that embodies both the technical rigour of its processes and the quality of the spaces it offers its teams.*

*The main volume is clad in precast concrete panels. The subtle undulations of these reliefs capture the light, while the pearl grey ProtectGuard Color stain applied as a finish creates a slight iridescence on the surface that softens the mineral appearance while providing long-lasting protection for the cladding. The façade thus changes throughout the day: matt and soft at dawn, almost silky in full sunlight, and silvery at dusk.*

*Inside, we have used several shades of wood stain to reveal the range's colour palette. These flat colours punctuate the circulation areas and highlight the structural volumes; they also offer visitors a concrete demonstration of the aesthetic possibilities of Guard Industries products.*

*The new offices, bathed in natural light, open generously onto the lobby through large windows. Transparency, controlled proportions and light colours create a peaceful working environment, echoing the precision of the neighbouring production line.*

*The result is a clear and legible building, whose construction quality and simplicity faithfully reflect Guard Industrie's identity..»*



«We are proud to have been able to work alongside such a committed team to transform a technical requirement into a well constructed vision»

Maroua, Guillaume and Sérena,  
BORO agency



# Emmanuel Combarel and Dominique Marrec, founders of ECDM agency



«We use ProtectGuard® Color concrete stain to assert the expression of the casting»

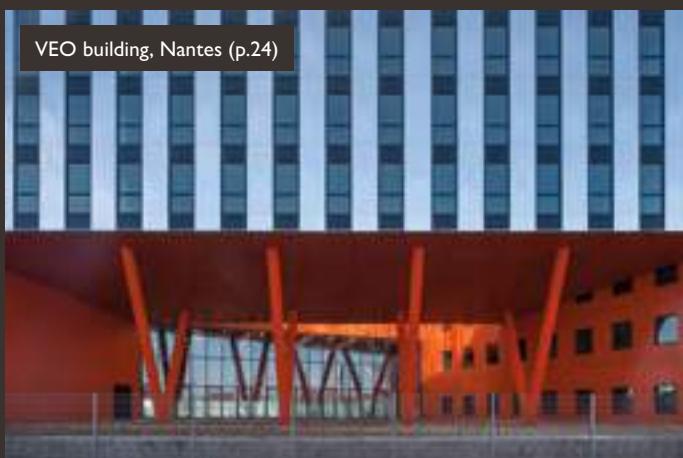
Emmanuel Combarel and Dominique Marrec, ECDM agency

*«Originally, there's plasticity, the ability of concrete to mould itself docilely. Mass, weight, inertia are contradicted by the flexibility of a material that is moulded. The matrix determines the material, its shape, its grain, its appearance.*

*Plasticity is a specific characteristic of concrete. It is from this formal possibility that our agency often uses concrete as a façade element.*

*Plasticity is revealed by the choice of concrete, panels, curing or finishing products. We use ProtectGuard® Color stain to assert the expression of the casting.*

*The stain reveals the suppleness of the support by expressing, depending on the project, the dense homogeneity of a primitive and anechoic mass in Thiais, the depth of the material inherent to the concrete of the Saclay mesh, with the organic softness of the skin of the Budin day care centre. The non-film forming stain becomes the envelope, the container»*

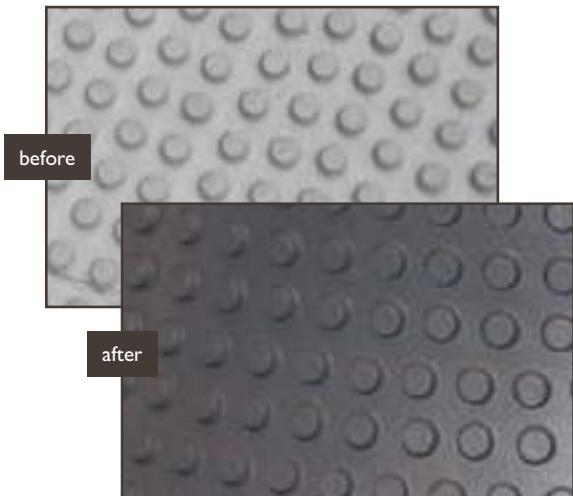




© Benoît Fougeirol

## A studded building for Paris transport company

ECDM agency was asked by the RATP, the body that runs public transport for the Paris region, to design a new centre for bus drivers and the office team.



Located in Thiais, this imposing monolithic building is completely covered in studded Ductal®. To equalise the colour across the 2 450 m<sup>2</sup> of panels, ECDM agency chose ProtectGuard® Color Anti-Graffiti in an anthracite grey colour.

- Project: Office building for RATP bus centre, Thiais
- Architect: ECDM (E. Combarel, D. Marrec)
- Material: Ductal®
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Anthracite opaque (100%)
- Precast concrete company: Betsinor

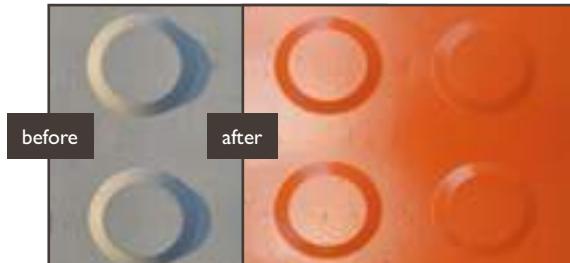




© Benoît Fougeirol

## A basketball finish for a building in Nantes

Situated in the heart of the new Euronantes district, the highly creative architecture of the VEO complex designed by ECDM agency evokes the outer skin of a basketball.



This complex offers an unparalleled perspective: a chiselled silhouette in the form of two office towers linked by a gym with a hammered façade reminiscent of a basketball.

For the finish of this bold project Guard Industry was commissioned to custom-make an orange shade exactly recreating the colour of a basketball, giving the whole building an athletic feel. To contrast, the facades of the towers were treated with ProtectGuard® Color Anti-Graffiti Anthracite.

- Project: VEO building, Nantes
- Architect: ECDM (E. Combarel, D. Marrec)
- Material: GRC
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Custom-made colour and Anthracite, opaque (100%)
- Application: CHP





## A baby-skin effect for a nursery

Located in the 18th arrondissement of Paris, the Budin day care centre is a low-energy building designed by the ECDM agency to host toddlers.

The building is surprising with its wavy façade that plays with the light. Bright reflections of the protruding parts respond to the shadows of the more recessed areas.

The architects thus wanted to totally break away from the very heterogeneous environment of the surrounding buildings and insert curves, roundness and softness at the corner of these streets in the north of Paris.

The finishing of the exterior façade in Ductal® prefabricated panels was entrusted to Guard Industry for its unique expertise in concrete protection and embellishment.

To colour and protect the structure, the architect chose ProtectGuard® Color Anti-Graffiti Basic White in 100% opacity for an immaculate white finish. The glossy finish and final sanding increases the «glossy» effect and makes the façade as smooth as a baby's skin to capture maximum luminosity.

- Project: Budin day care centre, Paris (France)
- Architect: ECDM (E. Combarel, D. Marrec)
- Material: Ductal®
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Basic White, opaque (100%)
- Precast concrete company: Bonna Sabla and Il Cantiere
- Application: PSS Interservice





© Jérémie Bernier

## Custom-made shades for the French Silicon Valley

Built around some of France's leading scientific institutions, the Saclay campus will be a focal point for intellectual and industrial creativity.



In the heart of this campus, EDF's training centre was built by the architecture agency ECDM. 1 000 litres of ProtectGuard® Color Anti-Graffiti were applied to the building to protect and decorate the concrete facade.

Two custom-made colours were created by Guard Industry for this stunning project: a grey brown and a light grey.

- Project: EDF campus, Saclay (France)
- Architect: ECDM (E. Combarel, D. Marrec)
- Material: UHPC
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: 2 custom-made colours, opaque (100%) and semi-opaque (50%)
- Precast concrete company: Betsinor



# Meeting with Jean Nouvel and his agency AJN



Jean Nouvel,  
Architect and founder of AJN agency  
© Gaston Bergeret

A renowned architect since 1970, Jean Nouvel is at the head of several architectural agencies, including the Ateliers Jean Nouvel (AJN) agency.

Its committed stance to introduce architecture in the urban context and the constantly renewed originality of its projects throughout the world have contributed to forging its international image. His work has been recognised through numerous awards in France and abroad.

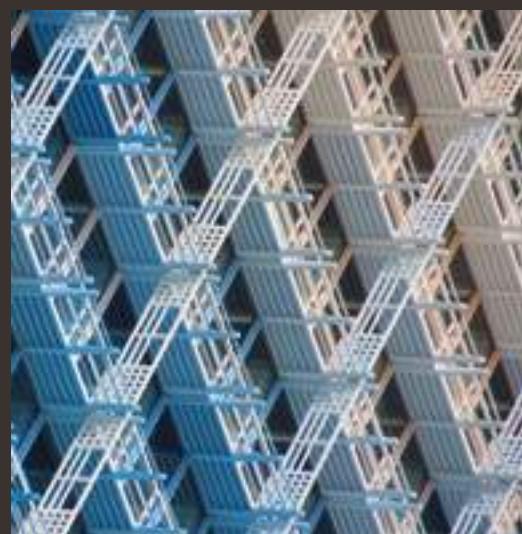
The Ateliers Jean Nouvel agency benefits from the experience acquired by Jean Nouvel. Today, its multicultural teams, made up of 130 professionals from more than twenty countries, are carrying out projects all over the world. All the skills are brought together in the agency: architecture, town planning, landscaping, graphic design, industrial design, interior design, but also the creation of images and models.

Guard Industry has had the opportunity to collaborate with Ateliers Jean Nouvel on two of its major projects: the National Museum of Qatar and the La Marseillaise Tower.

For these two buildings, the AJN teams called upon the expertise of Guard Industry and its ProtectGuard® Color concrete stain to colour and protect the concrete.

For these projects, Guard Industry has developed customised colours to best meet the architect's expectations: 26 shades of blue, white and red to dress the Marseillaise tower and a beige colour to match the initial colour of the UHPC panels of the Qatar National Museum.

## Two major projects in collaboration with AJN





© Iwan Baan - Architect Ateliers Jean Nouvel

## Custom-made beige for Qatar sand rose

The National Museum of Qatar designed by Ateliers Jean Nouvel (AJN) sprang up in the desert of Doha in 2019. This project's appeal lies in its distinctive architecture in the shape of desert rose and its customised beige shade.

This museum resembles a desert rose, symbolically evoking the desert of Qatar. The building envelope consists of 539 interlocking concrete discs laid randomly. These concrete petals are of different diameters and a variety of curvatures. In total, almost 80 000 sand-coloured Ultra-High Performance Fibre Concrete (UHPFC) panels form this rose.

AJN wanted to protect the building against water and dirt and give the concrete a beige colour reminiscent of desert sand.

They called upon the expertise of Guard Industry and its concrete stain ProtectGuard® Color. For this project, Guard Industry developed a beige shade to best match the colour of the panels.

- Project: Qatar National Museum, Doha
- Architect: Ateliers Jean Nouvel
- Material: UHPC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Fibrex
- Application: AD2France



# Michel Sfeir, Project Director of Qatar National Museum



«The collaboration with Guard Industry has been a success. The service as well as the products manufactured are of excellent quality»

Michel Sfeir, Project Director of Qatar National Museum, ASTAD Client representative

*«The National Museum of Qatar was designed by worldrenowned architect Jean Nouvel, in the shape of a sand rose. Its exceptional, artistic, and technological architecture has been enhanced by a façade cladding of 80 000 pieces of Fiber reinforced concrete (FRC), sand-colored.*

*Guard Industry has been an indispensable partner with proactive participation in the success of this project. Thanks to their cleaning product, Guard® Cleaner Surface Preparation, panels were cleaned of all dirt and stains produced during construction; This product, easy and quick to apply, not harmful to the environment, made it possible to prepare the facade for micro repairs.*

*Finally, the application of ProtectGuard® Color allowed to homogenize the small contrasts obtained as a result of the repairs, while keeping the mineral aspect of the panel. Hence its great interest.*

*This product also has the ability to protect the façade from dust allowing the façade cleaning and its maintenance easy by water jet.*

*The collaboration with Guard Industry professionals has been a success. The service as well as the products manufactured are of excellent quality.»*



© Iwan Baan - Architect Ateliers Jean Nouvel

## Hafid Rakem, Ateliers Jean Nouvel, Project Manager for the Qatar National Museum

*«The work of Guard Industry has been considerable. They intervened at a crucial time during the construction period. The alteration and deterioration of the UHPC panels on the building's façades led us to think about solutions that could restore the image of this building.*

*After testing several different products available on the market, the solution provided by Guard.Industrie, consisting of applying a protective stain on the façades without altering the base material, was the most appropriate. This method of application by infusion produced the image desired by the architect.*

*We are very satisfied with this collaboration. Because above all, any process, is a process of mutual collaboration.»*



© Jérôme Cabanel - Client Constructa - Architect Ateliers Jean Nouvel

## 26 custom-made shades for the Marseillaise tower

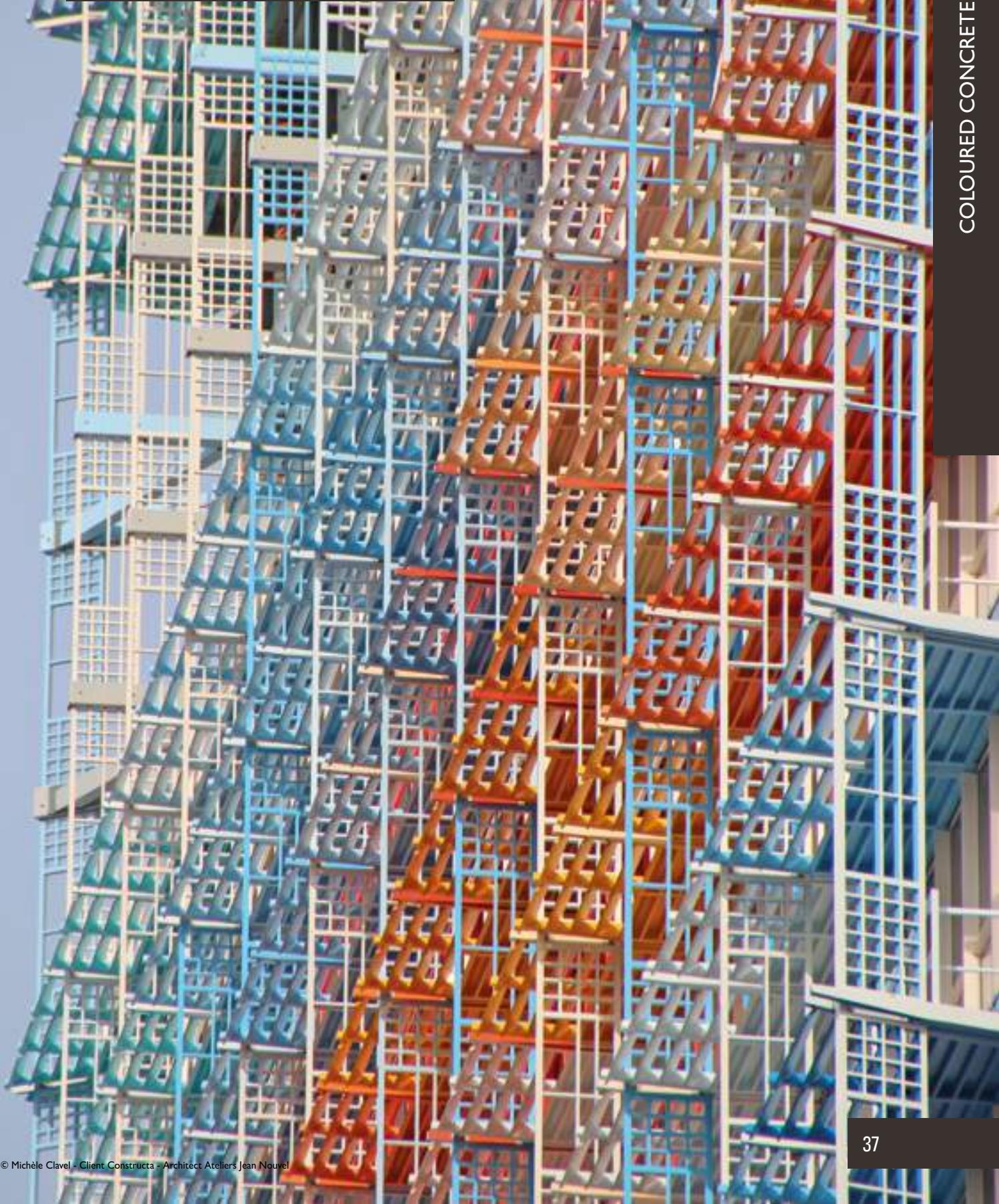
La Marseillaise, designed by the firm Ateliers Jean Nouvel is surprising with its modern design and 26 customised colours. At 135 metres high, it contributes to the development of the Marseille skyline.

Jean Nouvel has designed a tower with blurred boundaries, which evaporates into the sky and melts into the landscape. The building stands out for its lightness, transparency and customised colours.

The tower is clad with a mesh consisting of 3 818 UHPC sun screens and sills. All these elements have been stained in tricolour shades of blue-white-red, reminiscent of the red of the roofs of Marseille, the blue of the Mediterranean and the white of the limestone hills. This colour gradation thus offers a different perception depending on distance and light.

For this colossal project, Ateliers Jean Nouvel called upon Guard Industry who developed 26 customised colours of its ProtectGuard® Color Anti-Graffiti concrete stain.

- Project: La Marseillaise tower, Marseille (France)
- Architect: Ateliers Jean Nouvel
- Material: Ductal®
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: 26 custom-made colours, opaque (100%)
- Precast concrete company: Méditerranée Préfabrication
- Application: Lassarat



# Nathalie Sasso, Project Manager at Ateliers Jean Nouvel

*«Guard Industry has delivered complete satisfaction on the Marseillaise site. One of the special features of this tower by Jean Nouvel is its colours. Blue, white and red in 26 shades (NCS reference) on UHPC (Ultra High Performance concrete) elements.*

*Each element can have up to 6 different colours, each piece is unique. On the scale of the tower, this represents a formidable colourful puzzle. The success of the painting process, in particular the application of the stain, was a crucial issue for this project.*

*Guard Industry's support from the design to the realisation phases was remarkable and very professional. Guard Industry has been attentive to our aesthetic and technical requirements, producing a series of samples and proposing solutions to various limitations, including the development of a specific adhesion primer to check the resistance of paint in an aggressive marine environment.*

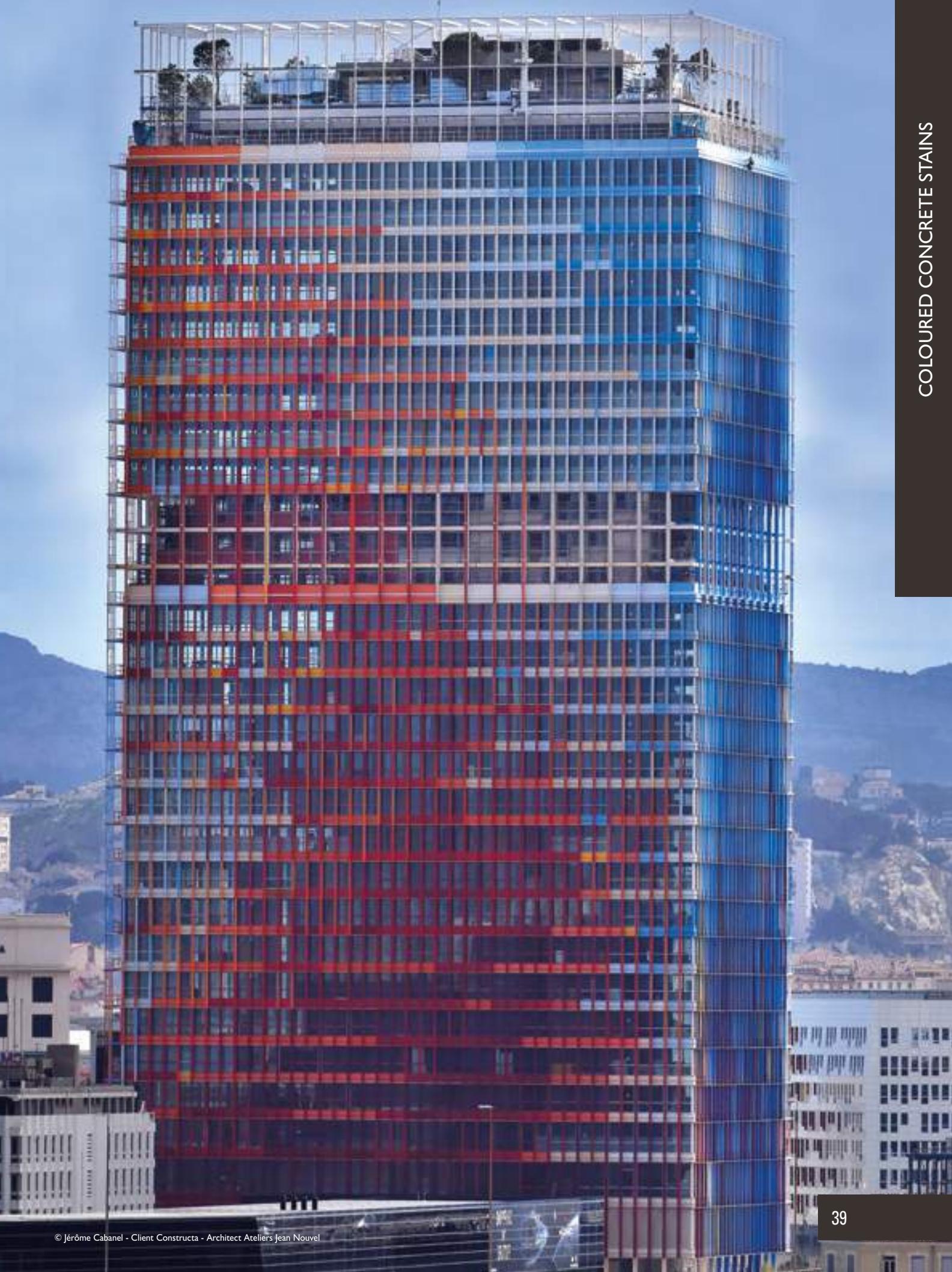
*The follow-up on the application procedure of the products during the construction project also shows the commitment of their team. I recommend Guard Industry's products and would be happy to work with them in a future project. This collaboration has been very positive.»*



© Michèle Clavel - Client Constructa - Architect Ateliers Jean Nouvel

**«Guard Industry's support from the design to the realisation phases was remarkable and very professional»**

Nathalie Sasso, AJN agency



# Jean Bocabeille, architect partner at BFV agency



«Concrete poured on site, and then coated with a water-repellent, coloured stain, has become a viable alternative to plaster»

Jean Bocabeille, BFV agency

«At BFV Architects, we like construction, constructive systems, construction materials, their implementation... We love to explore the new possibilities offered to us by our partners, whether they are contractors or the manufacturers working to develop these materials.

We have been working with Guard Industry for a few years now. In the beginning, we acknowledged that, mainly for housing projects, the budget constraints of these programmes would inevitably lead to coating all or part of the façades in plaster, and what is more, mediocre-quality plaster.

We have known for a long time that plaster only gives you one guarantee: premature ageing! In today's suburban context, with an environment that is already degraded with a lot of pollution, plaster ages poorly! Plaster façades, whatever their original colour or tone, will quite quickly become covered with a grey dust. This gives a generic grey tone to suburban buildings and enhances the morose atmosphere of these areas that are already so profoundly impacted by an unavoidably banal nature.

Concrete poured on site, and then coated with a water-repellent, coloured stain, has become a viable alternative to plaster.

For a slightly higher cost, we can recommend raw concrete façades, taking care to divide the concrete up with horizontal or vertical joints in order to avoid fissures and we choose stains that cover more or less of the surface depending on the appearance of the concrete.

We've found a large range of expression among metallic shades and effects of volume by alternating gloss or matt finishes, which allows us to play with a certain ambiguity in the material.

Some of our projects appear to have a metallic coating, others seem to have been made from masscoloured concrete. The stains not only have an aesthetic quality to emphasise, but also its water- and oil-repellent nature enables it to resist grime, directly linked to continuous pollution in the air. Water slides off the surface of the protected concrete, also removing any polluted dust. The building then resists ageing and keeps its initial allure.»





© Christophe Demontfaucon - Promoteur: Bouygues Immobilier

## When concrete buildings turn into metal

In Bobigny, near Paris, an astonishing 60-unit residential complex is being built. What makes it so peculiar? The use of two materials that complement each other: metal and raw concrete stained in metallic colours.

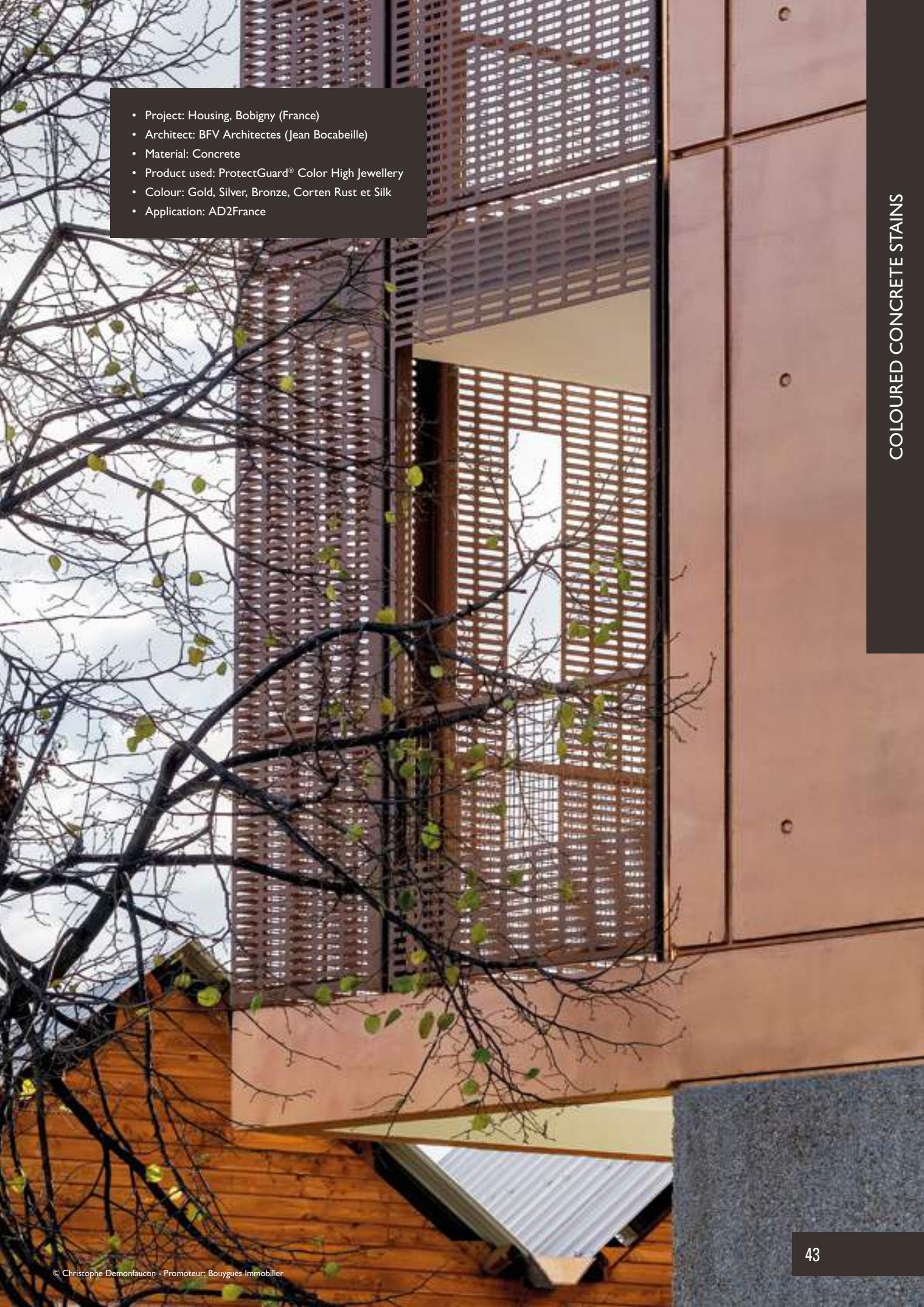
The complex consists of five buildings, each playing on an alternation of two materials: stained raw concrete and copper-plated metal panels.

These materials are treated in tone-on-tone colours with metallic shades. The use of the five metallic colours gives each of the buildings a character of its own.

For this project, the architectural firm BFV Architectes (Jean Bocabeille) called upon Guard Industry and its ProtectGuard® Color High Jewellery.

With this concrete stain, the architect was able to experiment with multiple finishes and give the concrete changing reflections depending on the light and the position from which the building is seen. The use of metallic shades gives the project a firmly contemporary identity.

- Project: Housing, Bobigny (France)
- Architect: BFV Architectes (Jean Bocabeille)
- Material: Concrete
- Product used: ProtectGuard® Color High Jewellery
- Colour: Gold, Silver, Bronze, Corten Rust et Silk
- Application: AD2France





© Frédéric Delangle

- Project: Housing, Nanterre (France)
- Architect: BFV Architectes (Jean Bocabeille)
- Material: Concrete
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Custom-made colour, opaque (100%)
- Application: Samed Façade





© Frédéric Delangle

- Project: Housing, Aubervilliers (France)
- Architect: BFV Architectes (Jean Bocabeille)
- Material: Concrete
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: 2 custom-made colours, opaque (100%)
- Application: DSA





© Frédéric Delangle

- Project: Student residence, Aubervilliers (France)
- Architect: BFV Architectes (Jean Bocabeille)
- Material: Concrete
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Custom-made colour, opaque (100%)
- Application: Alex Bâtiment



# J.Maxfield Lam, Director of GRC Thailand

*«A clear, durable and easy to apply water resistance coating is a dream for pre-cast glass-fiber reinforced concrete (GFRC) manufacturer like us, GRC (Thailand) and Guard Industry provide the solution.*

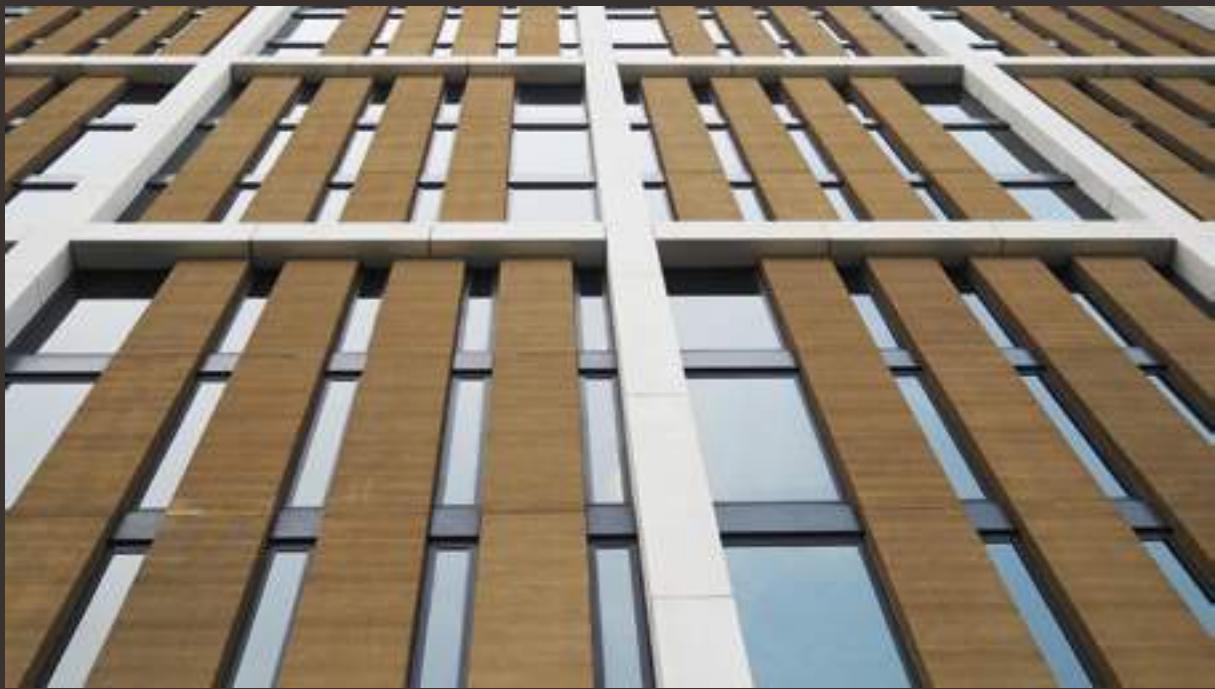
*In the past several years, we have been using different products from Guard Industry, especially for cleaning & protection. Our customers highly appreciate the quality and efficiency of the products.*

*The additional protection not only reduces moisture expansion of GFRC, it also brings more revenue to the company. We are very satisfied with Guard Industry to work as a partner.»*

**«Our customers highly appreciate the quality and efficiency of Guard Industry's products»**

J. Maxfield Lam, Director of GRC Thailand





- Project: Four seasons residence, Bangkok (Thailand)
- Architect: Hamilton international
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100% )
- Precast concrete company: GRC Thailand

# Daniel David, Director of Méditerranée Préfabrication



*«For several years Guard Industry and Méditerranée Préfabrication have been working in a strong partnership. Our expectations on UHPC operations, whether technical or aesthetic, are always met by Guard Industry's expertise.*

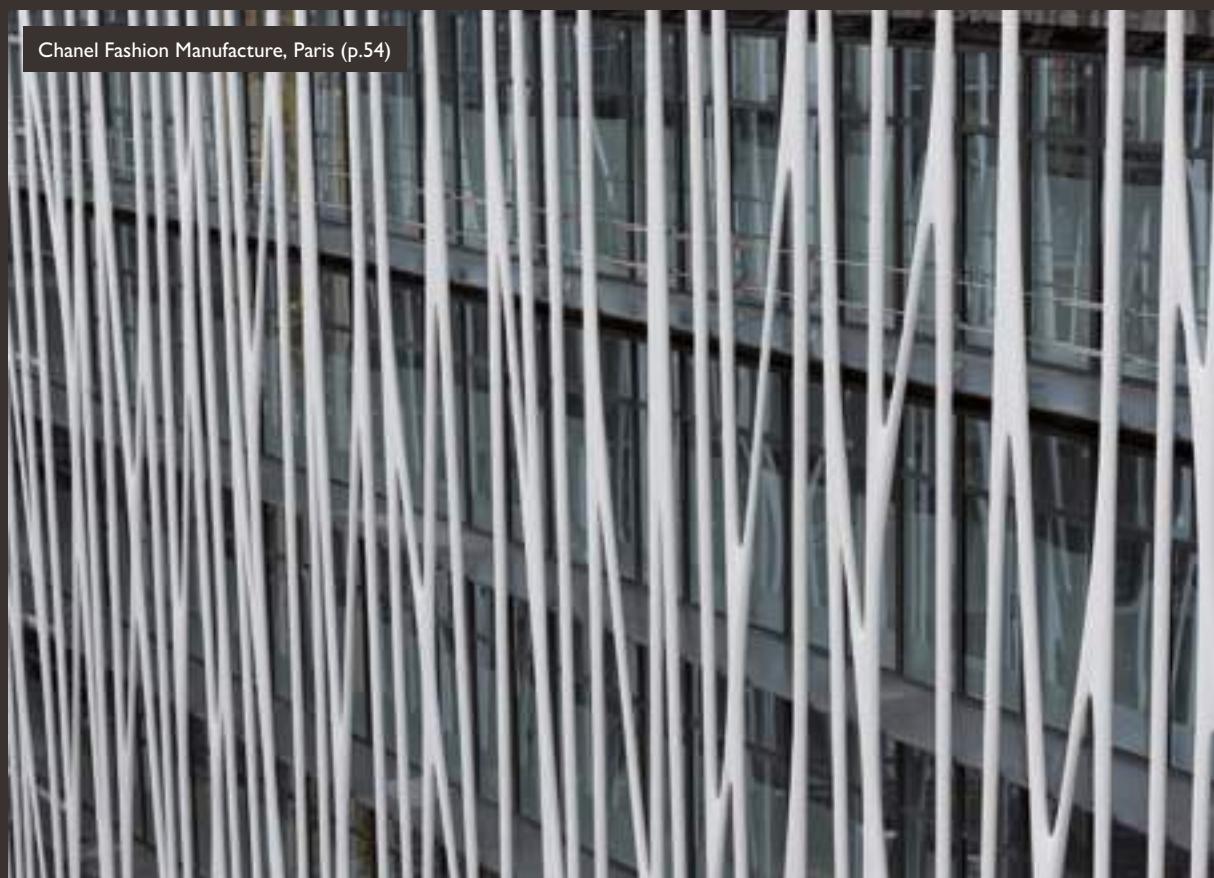
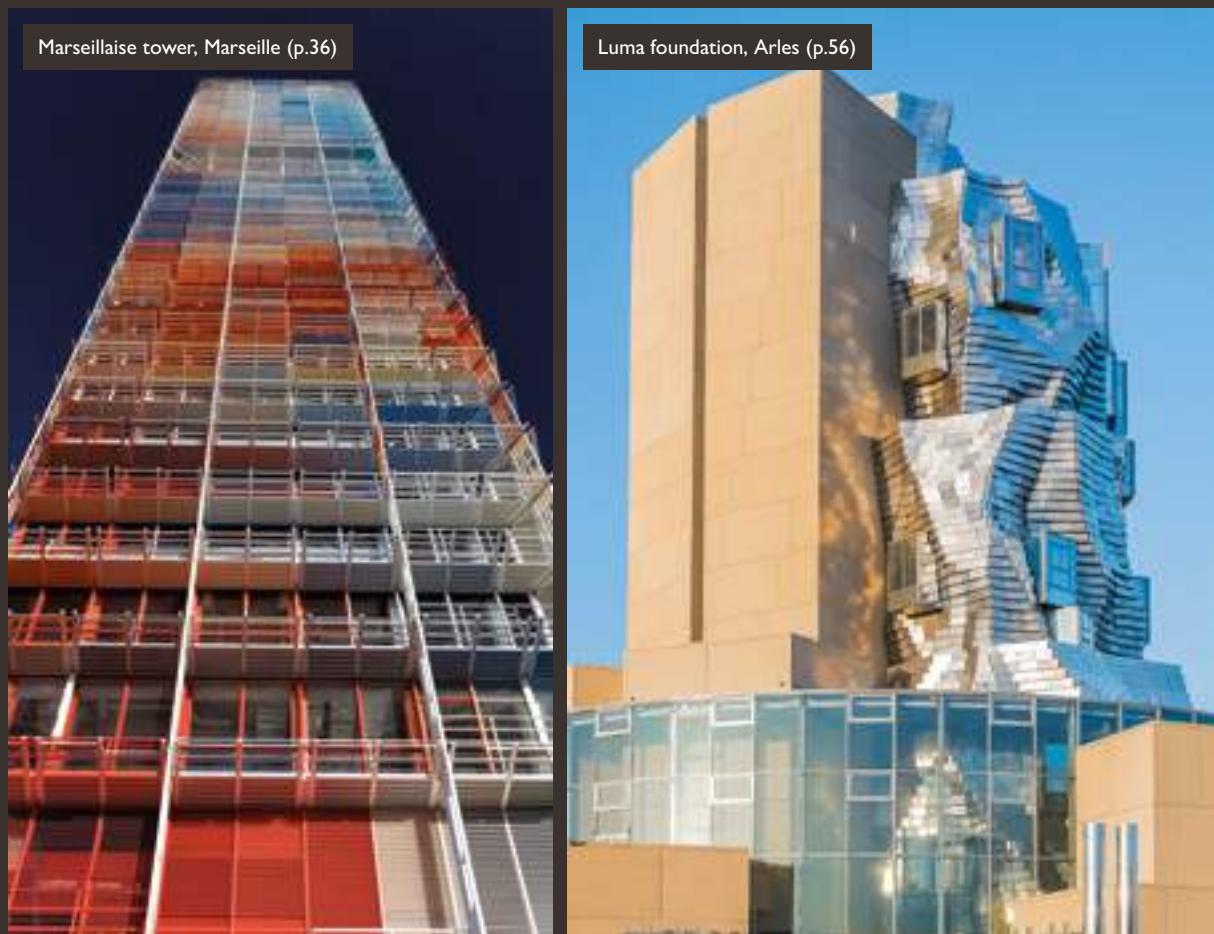
*From the search for the right protection to the realisation of a four-colour process to meet the requirements of our architects, Guard Industry's teams always succeed in meeting our challenges and this is thanks to their skills and years of experience. The partnership between Guard Industry and Méditerranée Préfabrication is a win-win partnership.»*

**«Guard Industry's teams always succeed in meeting our challenges and this is thanks to their skills and years of experience»**

Daniel David, Director of Méditerranée Préfabrication



UHPC mesh for  
Chanel «Fashion  
Manufacture»  
designed by Rudy  
Ricciotti





- Project: 19 M - Chanel Fashion Manufacture, Paris (France)
- Architect: Rudy Ricciotti
- Material: UHPC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Méditerranée Préfabrication





© Mylène Pinelli

- Project: Luma foundation, Arles (France)
- Architect: Franck Gehry
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Méditerranée Préfabrication



# Anthony Delestre, AD2France's CEO



**«We find solutions by combining customised products and by devising new application techniques»**

Anthony Delestre, AD2France's CEO

*«My company AD2France has been working jointly with Guard Industry since 2012. This collaboration has led me to use their products on major projects both in France and abroad. I have also had the opportunity to pass on my knowledge and understanding of their products by training teams of applicators on worksites abroad.*

*Guard Industry is attentive to my needs both within the sales department and through its technical support. Guard Industry is also very reactive in the manufacturing and delivery of its products.*

*My long-standing close relationship with Guard Industry allows me to better understand the problems of construction sites. We find solutions by combining customised products and by devising new application techniques.*

*This collaboration guarantees the high quality of the service, from the design of the product to its application on site.»*

For 15 years, AD2France has been applying Guard Industry's products on iconic projects both in France and abroad



Qatar National Museum, Doha (p.32)



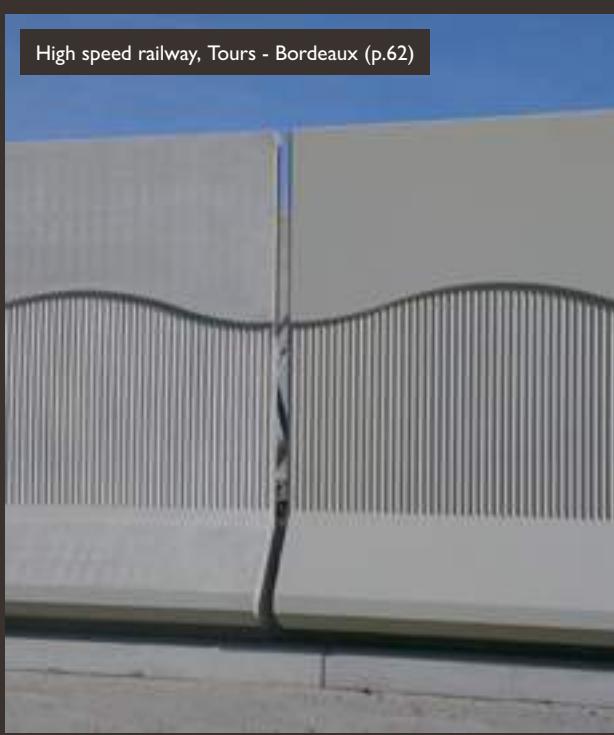
Housing, Bobigny (p.42)



Housing, Paris (p.60)



High speed railway, Tours - Bordeaux (p.62)





## Blue veil for a social residence

It is in a grey environment near the Paris ring road where the «Trait d'union» of the Charles-Henri Tachon practice stands. The building stands out thanks to its colours: blue concrete and golden woodwork.

Designed in the shape of a diamond, the building is a mixed project housing a social residence, a distribution centre for the Restos du coeur and a training centre.

To contrast with the neighbouring buildings, the architect chose a blue concrete colour in the mass to bring colour and light to the neighbourhood.

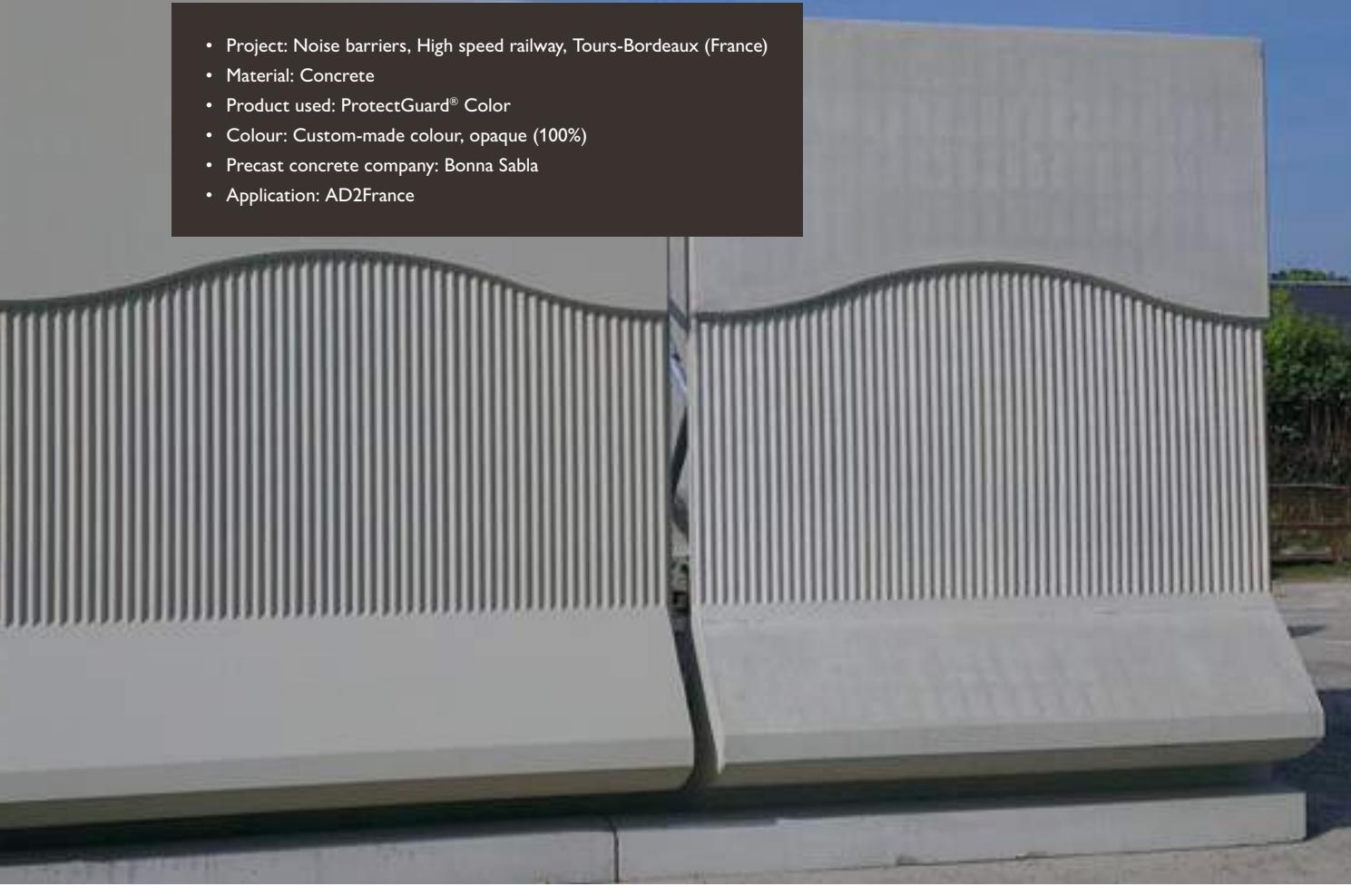
In order to solve the problems of carbonation on the façades, to provide invisible anti-graffiti protection while maintaining the blue colour, the architect called upon Guard Industry who formulated a customised shade in very low opacity of its ProtectGuard® Color Anti-Graffiti concrete stain.

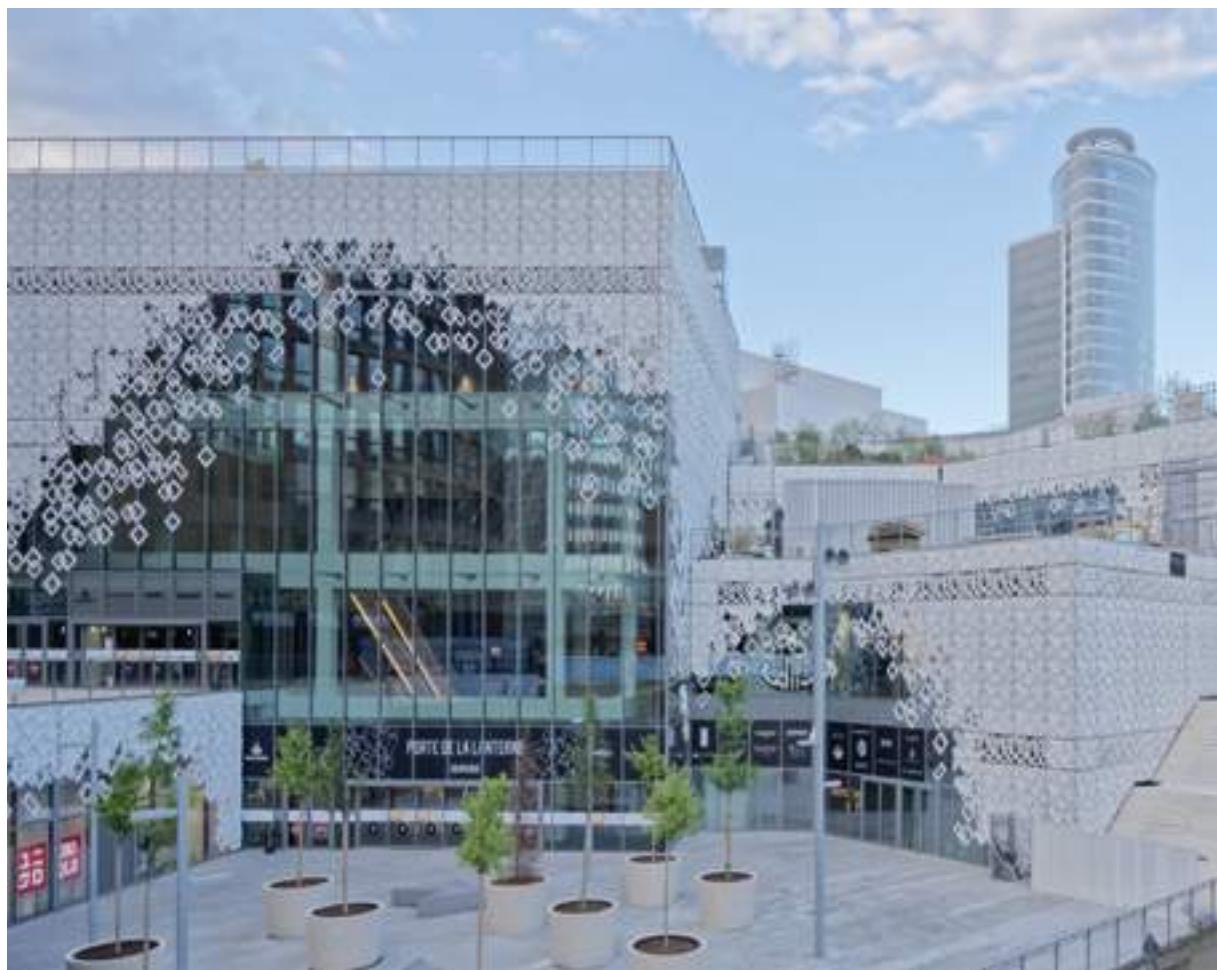
- Project: Housing, Paris (France)
- Architect: Charles-Henri Tachon
- Material: Concrete
- Product used: ProtectGuard® Color Anti-Graffiti
- Colour: Custom-made colour, semi-opaque (50%)
- Application: AD2France





- Project: Noise barriers, High speed railway, Tours-Bordeaux (France)
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Bonna Sabla
- Application: AD2France





© Alain Brehm

- Project: Mall La Part Dieu, Lyon (France)
- Architect: Sud Architectes and MVRDV
- Material: Ductal®, UHPC and Concrete
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: AAB and Prehorquisa
- Application: AD2France



# Alexandre Malderet, Betsinor's QSE and innovation manager



«Guard Industry is synonymous with customised solutions, technicality, aesthetics, protection, flexibility, minerality, durability and environment»

Alexandre Malderet, Betsinor's QSE and Innovation manager

*«Betsinor and Guard Industry have been working together for several years to provide technical solutions in terms of the protection and aesthetics of architectural facings.*

*Betsinor has always positioned itself on complex and highly technical projects, leaving freedom of choice to the creative requirements of architects. This dimension of customisation and technicality is also found in the range of products offered by Guard Industry.*

*ProtectGuard® Color concrete stains used allow the minerality of the substrates to be preserved and are perfectly adapted to the different cementitious matrices and manufacturing processes.*

*They offer many possibilities of application, in the workshop or on site, and provide the facings with additional protective characteristics against external elements. They thus effectively extend the durability of facings and enhance the aesthetics of buildings.*

*For Betsinor, the company Guard Industry is synonymous with customised solutions, technicality, aesthetics, protection, flexibility, minerality, durability and environment.»*

For more than 40 years, Delmar-Betsinor has been producing UHPC panels for prestigious projects.





RATP bus centre, Thiais (p.22)



Swimming pool Bertran de Born, Périgueux (p.68)



EDF campus, Saclay (p.28)



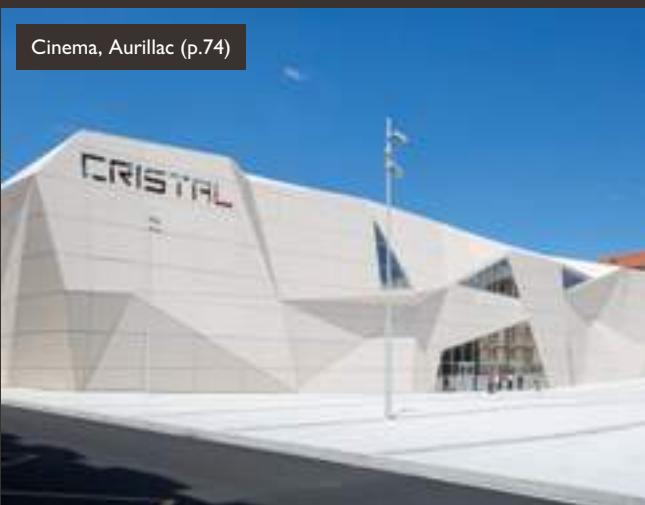
Housing, Brussels (p.72)



DUEO building, Issy les Moulineaux (p.70)



Modern Art Museum, Villeneuve d'Ascq (p.76)



Cinema, Aurillac (p.74)



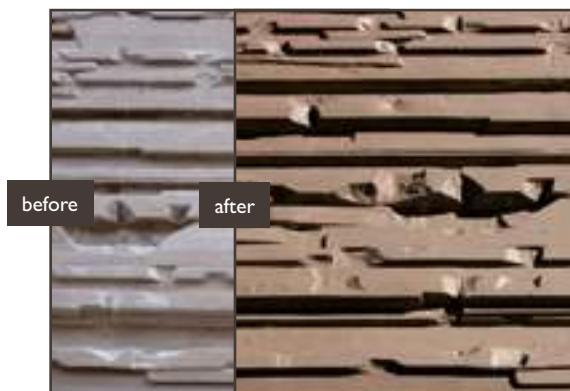
© Jean-François Tremége

- Project: Swimming pool Bertran de Born, Périgueux (France)
- Architect: BVL Architecture
- Material: UHPC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Betsinor



## Brown bark in the west Seine business district

Designed by Christian de Portzamparc, the Dueo building is located in the new Seine West business district and marks the entry to the town of Issy-les-Moulineaux from Paris.



The curvilinear building is covered with a brown double skin of glassfibre-reinforced concrete with random motifs that contrast with the surrounding buildings.

To give the 3 000 m<sup>2</sup> of GRC panels a uniform, more intense colour the architect chose the concrete stain ProtectGuard® Color in a Walnut colour.

- Project: Offices, Issy-les-Moulineaux (France)
- Architect: Christian de Portzamparc
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: Walnut, opaque (100%)
- Precast concrete company: Betsinor





- Project: Housing, Brussels (Belgium)
- Architect: UNStudio / Jaspers-Eyers Architects
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Betsinor





- Project: Cinema, Aurillac (France)
- Architect: Linéaire A architectes
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opqie (100%)
- Precast concrete company: Betsinor





© Jack Garnier

## Play of light for the façade of the LaM museum

In 2010 the LaM (Lille Métropole Museum of Modern Art) opened its doors again to reveal its new face: a bold building wrapped in a hairnet of ultra-high performance fibre-reinforced concrete.



The building's façade plays with the light and the eye of the visitor by offering changing reflections that are sometimes purple and sometimes green.

To protect and decorate the 2 600 m<sup>2</sup> of concrete cast walls the architect opted for ProtectGuard® Color, choosing a «Amethyst mirage» finish to give the concrete iridescent reflections that shift with the light.

Thus, depending on the play of the light and the angle of view, the walls of the building throw back the light in subtly varying hues, sometimes purple, sometimes green, towards the visitor's eyes.

- Project: Modern Art Museum, Villeneuve d'Ascq (France)
- Architect: Manuelle Gautrand
- Material: Ductal®
- Product used: ProtectGuard® Color High Jewellery
- Colour: Amethyst mirage
- Precast concrete company: Betsinor
- Application: Altrotech





- Project: Offices, Madrid (Spain)
- Architect: Patxi Mangado
- Material: Concrete
- Product used: ProtectGuard® Color High Jewellery
- Colour: Gold
- Precast concrete company: Prehorquisa



# Salma Ziadi, Bearch's Managing Director

*«Created in 2009, Bearch is the pioneer of architectural concrete in Morocco. Ductal® and GRC, the new architectural concretes composed of a fibre cement matrix, make it possible to develop innovative and competitive solutions for faster construction, requiring less maintenance and with a reduced impact on the environment. Today, our company offers influencers sustainable, innovative, flexible and highly aesthetic materials.*

*The collaboration with Guard Industry was born out of our desire to extend the durability of our architectural concretes. We were looking for quality products to meet the different needs of concrete protection (colourless protection, coloured protection, protection of fresh concrete, etc.). At Guard Industry we have found a diversified range of technical products to meet all these issues.*

*In addition to the quality of its products, Guard Industry has a qualified laboratory capable of satisfying our requirements.*

*The company offers complete personalised support from development to training of application teams. The high quality of Guard Industry's products, their technical support and feedback make them a privileged partner for many of our projects.»*

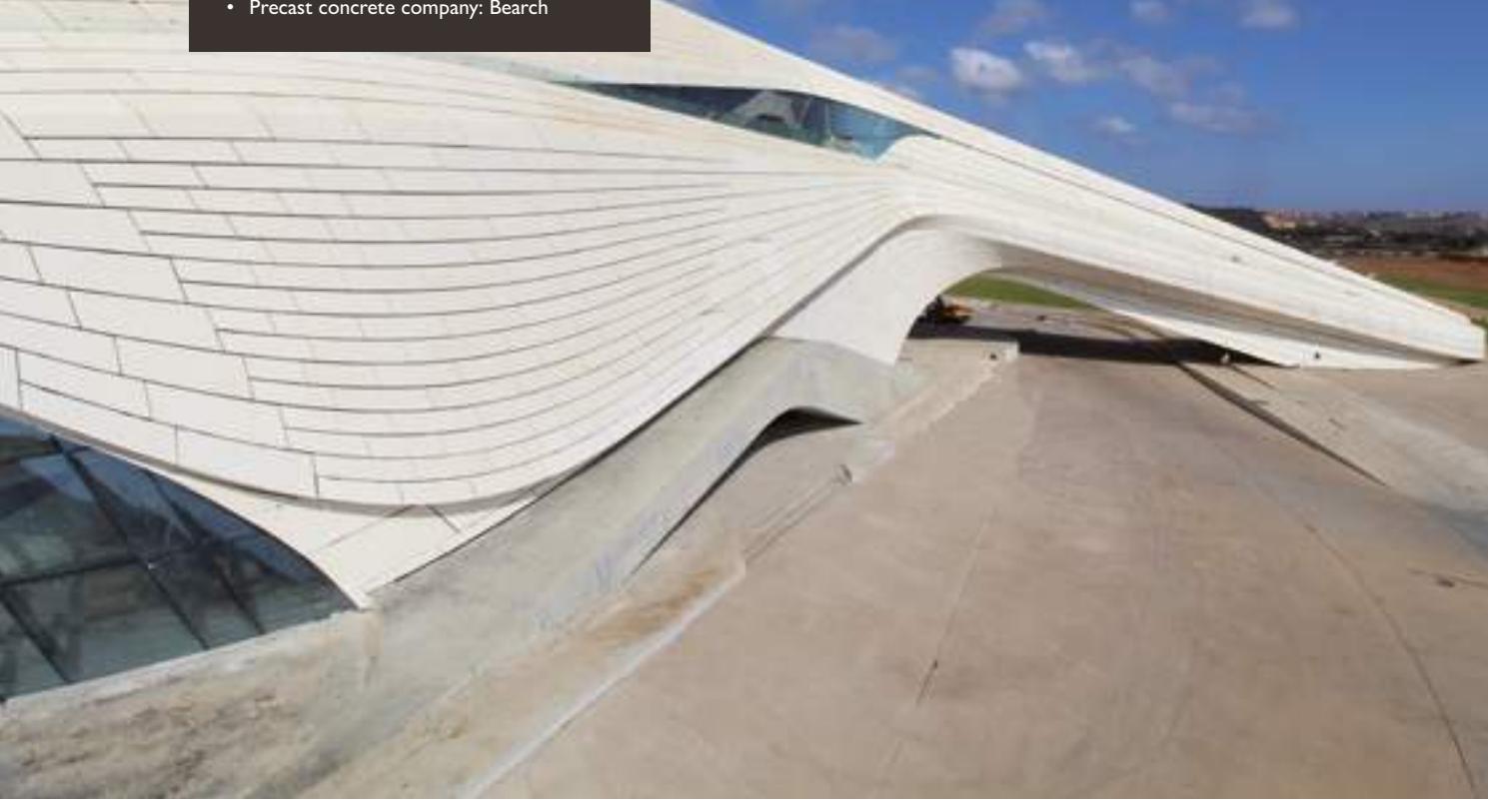
**«At Guard Industry we have found a diversified range of technical products to meet all our issues»**

Salma Ziadi, Bearch's Managing Director



Bearch manufactures sustainable, innovative, flexible and highly aesthetic concretes. On the left, the production / quality team

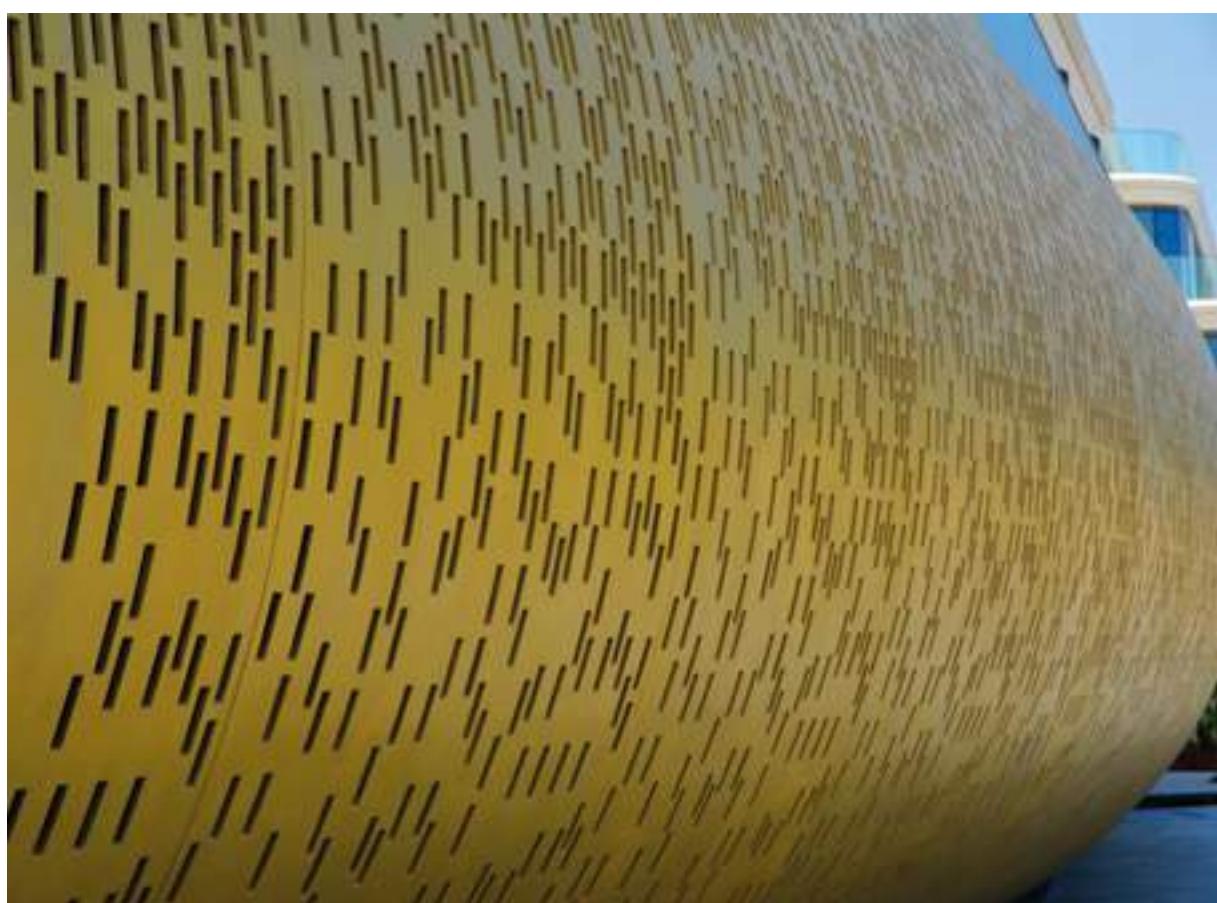
- Project: Grand Théâtre, Rabat (Morocco)
- Architect: Zaha Hadid and Omar Alaoui
- Material: GRC
- Product used: ProtectGuard®
- Precast concrete company: Bearch



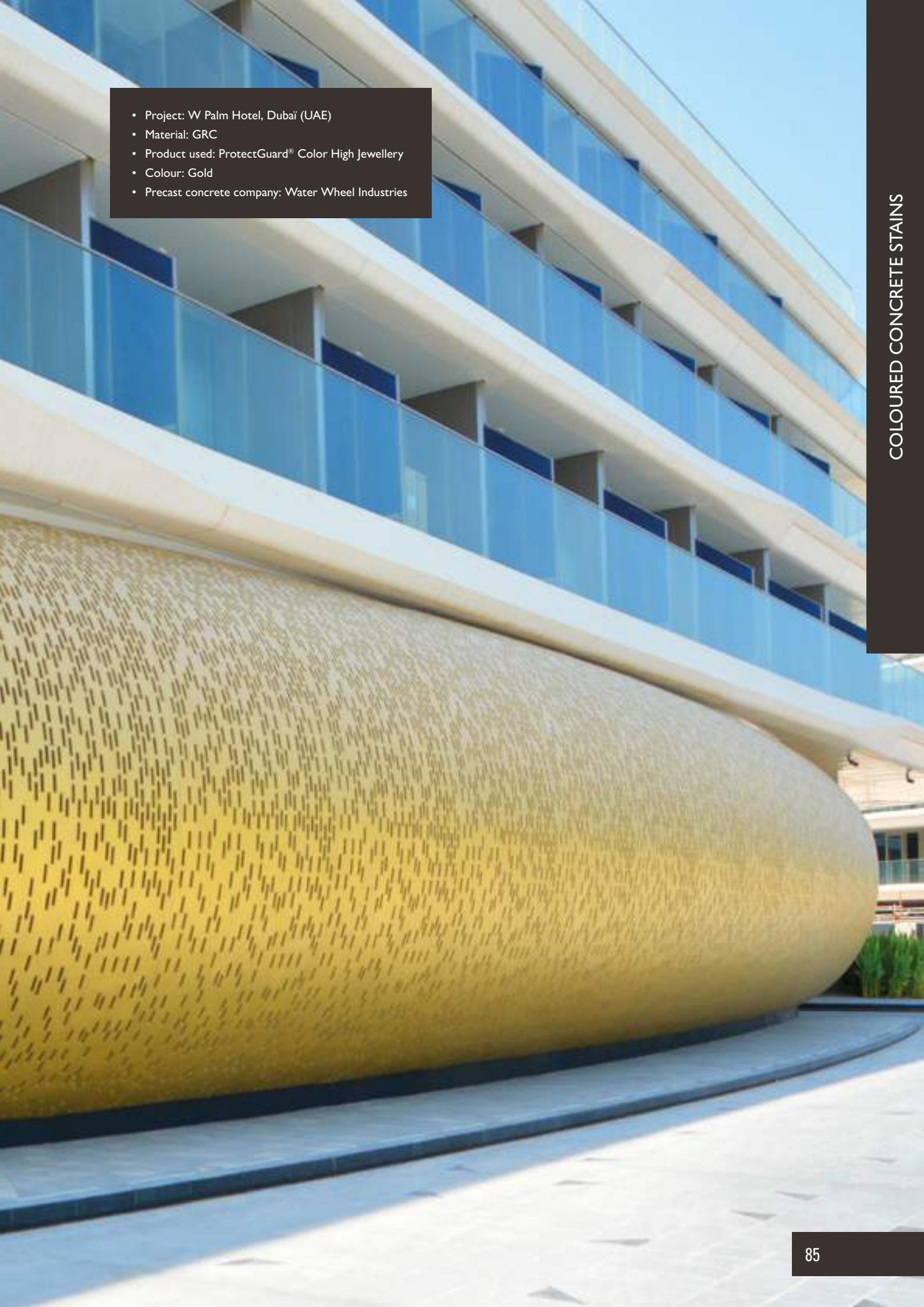


- Project: Train station, Kenitra (Morocco)
- Architect: Silvio d'Ascia Architecture and Omar Kobité
- Material: Ductal®
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Bearch





- Project: W Palm Hotel, Dubaï (UAE)
- Material: GRC
- Product used: ProtectGuard® Color High Jewellery
- Colour: Gold
- Precast concrete company: Water Wheel Industries



# Malte Schnürle, PSS Interservice's Managing Director



**The possibilities offered by Guard Industry's concrete stains fascinate architects and contractors looking for sustainable solutions for a high-end finish for their architectural concrete»**

Malte Schnürle, PSS Interservice's Managing Director

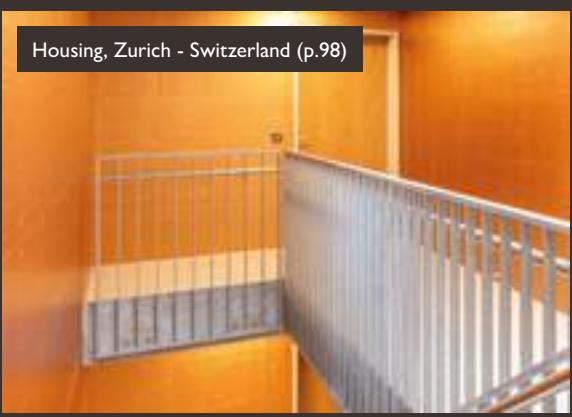
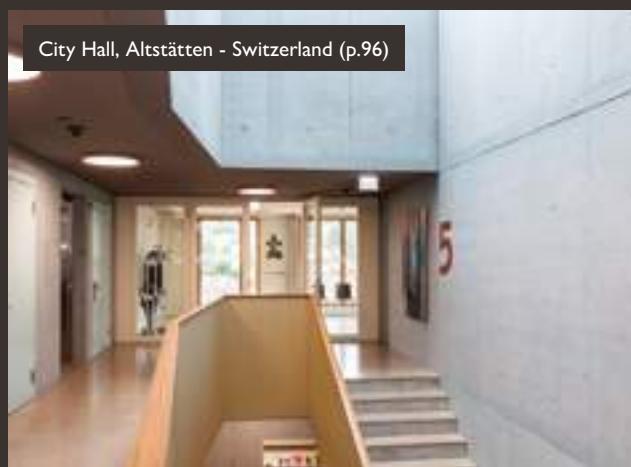
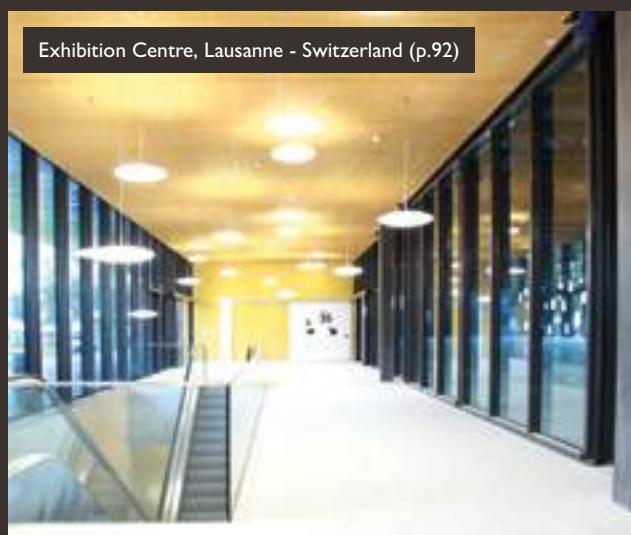
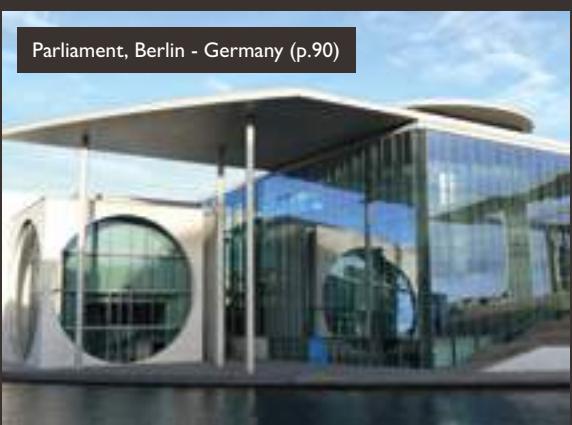
*«PSS Interservice AG has been a partner of Guard Industry for more than 20 years. We are applicators of Guard Industry's products and one of their distributors in different markets in Europe.*

*Our know-how in the field of surface treatment is based on two factors. On the one hand it is based on technical teams with extensive experience in the field of concrete treatment against graffiti and dirt, but also in the field of stains and cosmetics for facings. On the other hand, it is based on a range of products that we have carefully selected and integrated into our service offers.*

*The company Guard Industry thus supports us on most of our projects with their range of products, which perfectly meet our expectations and the requirements of our customers.*

*We have contributed to the realisation of some very beautiful projects for which we have coloured concrete facings with Guard Industry's semi-transparent and multifunctional stain, providing colour and protection to the treated structures while totally preserving the mineral aspect of the substrate.*

*The possibilities offered by this concrete stain, which we offer in an almost infinite choice of colours, shades and degrees of opacity, give free rein to creativity, which particularly fascinates architects and contractors looking for sustainable solutions for a high-end finish for their architectural concrete.»*





## Gold, silver and bronze for a housing complex

In the region of Lausanne, an original housing complex stands out from the landscape with metallic colours.



Radiance is enhanced by the sunlight. The metallic glaze gives the houses a unique finish

The concrete houses are adorned with ProtectGuard® Color High Jewellery, a metallic glaze in gold, silver and bronze.

Once the concrete is glazed, its typical structure remains visible but takes on a unique shine. Direct sunlight further enhances the intensity of the metallic colours on the south-facing side

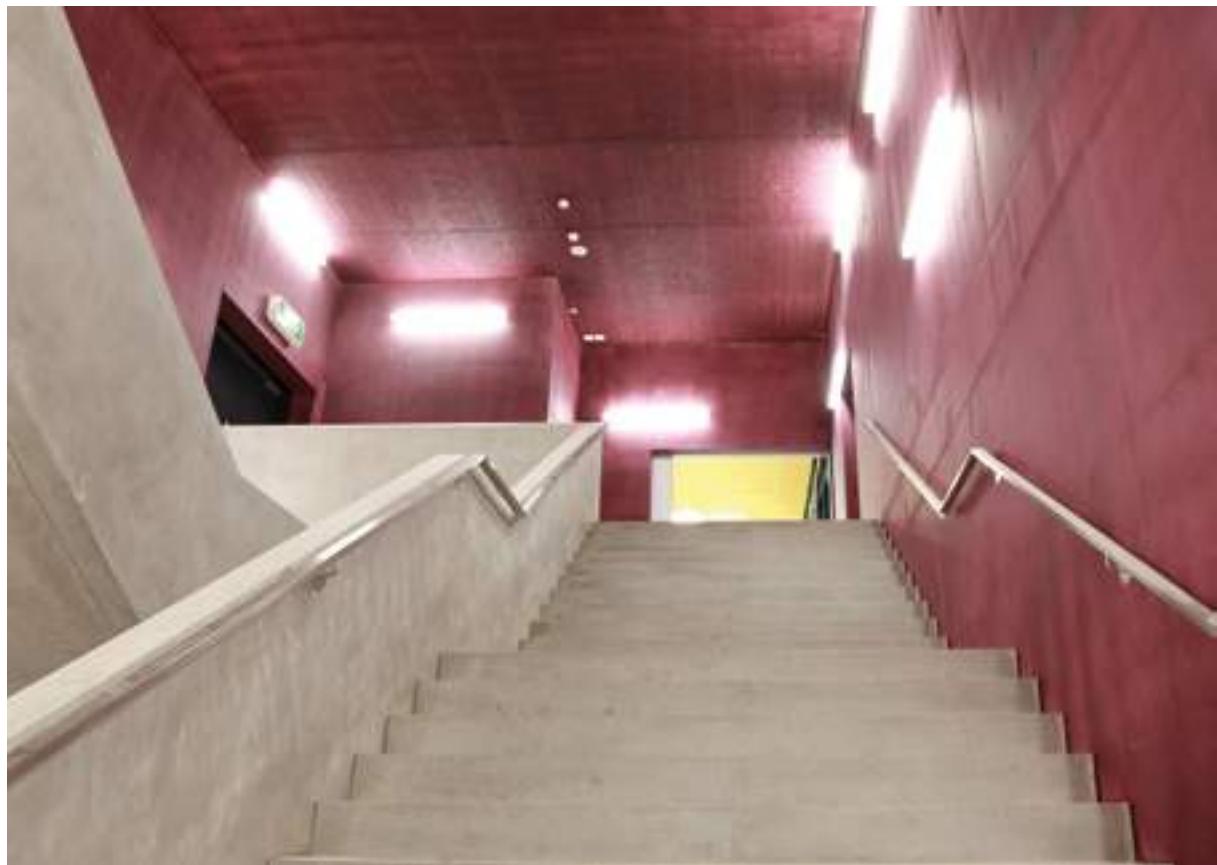
- Project: Housing, Lausanne (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color High Jewellery
- Colour: Gold, Silver and Bronze
- Application: PSS Interservice





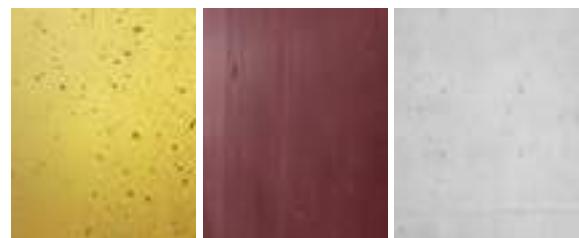
- Project: Parliament, Berlin (Germany)
- Architect: Stefan Braunfels
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Concrete Berlin, semi-transparent (10%)
- Application: PSS Interservice





## Tricolor finish for Lausanne exhibition centre

As part of the refurbishment of the neighborhood, the Beaulieu Exhibition Centre in Lausanne became the subject of a huge project of modernization.



For this project, about 10 000 m<sup>2</sup> of concrete were coloured with ProtectGuard® Color High Jewellery and ProtectGuard® Color.

For this project, three colours were used to protect and colour the concrete. A “gold” colour for the entrance hall to welcome visitors. A custom-made intense “purple” to indicate the staircases and facilitate orientation. A sober grey colour (“concrete one”) in the exhibition hall for a natural colouration of the concrete.

- Project: Exhibition centre, Lausanne (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color and ProtectGuard® Color High Jewellery
- Colour: Concrete one and custom-made colour, opaque (100%). Gold
- Application: PSS Interservice





## Underground stained concrete

The growing need for electricity led the city of Zurich to build a new power station.



Installations can be seen from outside through a glass enclosure. The use of ProtectGuard® Color in a light opacity gives the building a very sleek style.

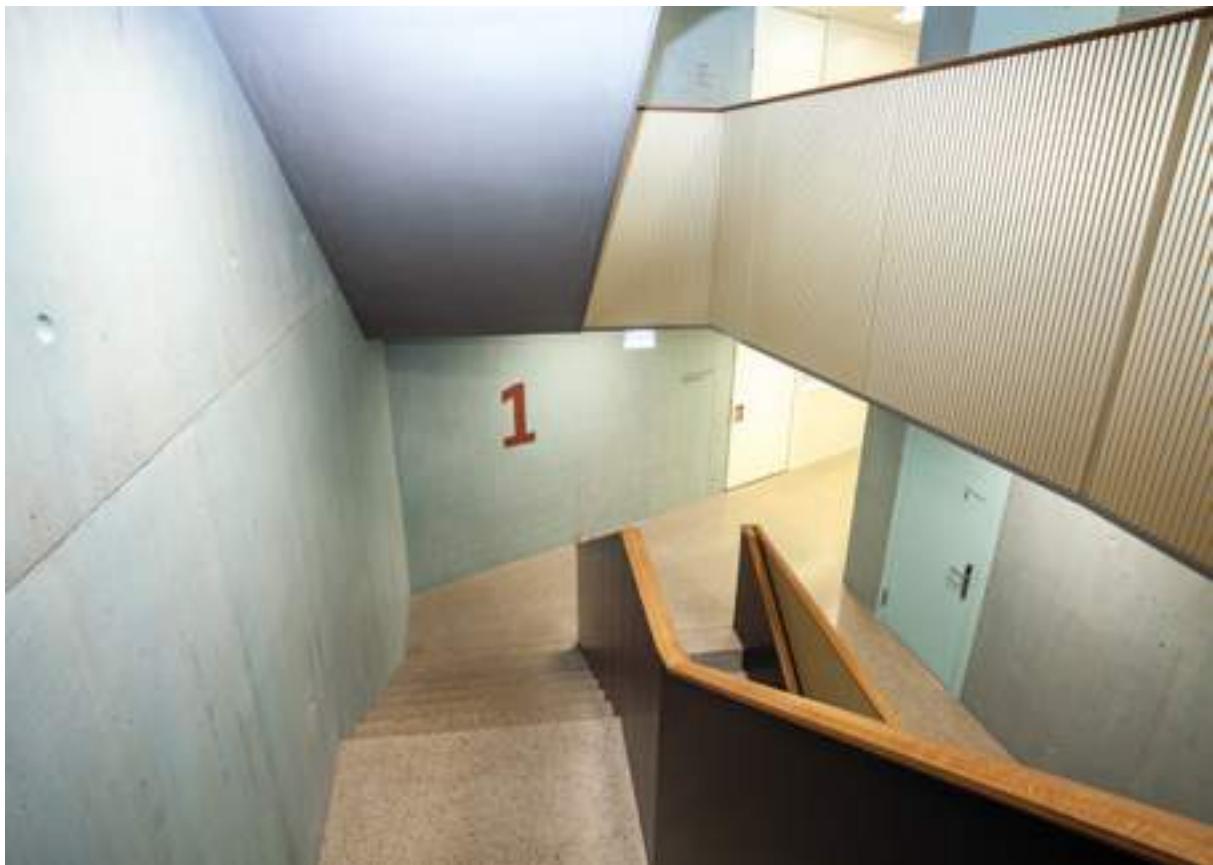
This building was largely built underground to make the most of the space. Thus, the entire installation is divided into levels R-1 and R-2. Only staff premises are located on the ground floor.

This building had to be functional but also of architectural interest. Through a clever interplay of mirrors and openings, the visitor in the building above can observe the installations in action through a glass enclosure.

The 2 300 m<sup>2</sup> area of exposed concrete in the wooden slat matrix has been stained in a very soft custom-made green with semi-transparent opacity to really mark this structure. This stain gives the concrete vigour and a very sleek style.

- Project: Power station, Zurich (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, semi-opaque (20%)
- Application: PSS Interservice





## Ascending blue for a town hall

In Altstätten, Switzerland, an extension has been created for the town hall. At the heart of this building is a stairwell made of a bluestained concrete facing.



The low opacity blue stain gives reinforces the mineral side of the building.

The stairwell is the true central core of the building and has a central skylight allowing the entire height of the building to be seen from the bottom.

The different flights of stairs between each landing are compressed to their size and thus give the impression that the staircase is larger and the steps more generous.

The entire stairwell has been stained with a custom-made light blue in a light opacity to give the concrete a beautiful appearance.

- Project: Town hall, Altstätten (Switzerland)
- Architect: Allemann Bauer
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Custom-made colour, semi-opaque (20%)
- Application: PSS Interservice





The intense  
metallic finish of  
ProtectGuard® Color  
High Jewellery gives  
the common areas of  
the building a unique  
character.

- Project: Housing, Zurich (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color High Jewellery
- Colour: Custom-made colour
- Application: PSS Interservice







- Project: Moxy hotel, Rapperswil (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Basic White, semi-transparent (50%)
- Application: PSS Interservice



- Project: Housing, Basel (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Concrete One, semi-transparent (50%)
- Application: PSS Interservice





## Tinted shroud for the extension of a secondary school

In Lausanne, Switzerland, a new state-of-the-art building has been created at the Béthusy school to meet the school's changing needs.



The low-opacity stain enhances the mineral and natural appearance of the building.

Made mainly from local eco-friendly materials, the new Béthusy secondary school in Lausanne was designed with the environment and sustainable development in mind, in line with the specifications.

To stay true to this natural, environmentally conscious spirit, the building was entirely coated with ProtectGuard® Color in a very light opacity to highlight the texture and raw appearance of the concrete.

- Project: Middle School, Lausanne (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® Color
- Colour: Grey Special V1, semi-transparent (50%)
- Application: PSS Interservice



# Nicolas Feldkircher, AAB's Managing Director



«With Guard Industry's products, we are sure of the quality delivered as well as the support from the teams in the event of technical issues»

Nicolas Feldkircher, AAB's Managing Director

*«The AAB group (Atelier Artistique du Béton) offers its clients the design and construction of immersive universes. We produce sculpted concrete, UHPC and scenic accessories.*

*For example, we work every day to produce the rocks of Beauval Zoo, the themed façades of the Puy du Fou, TV plates or decorative elements in UHPC.*

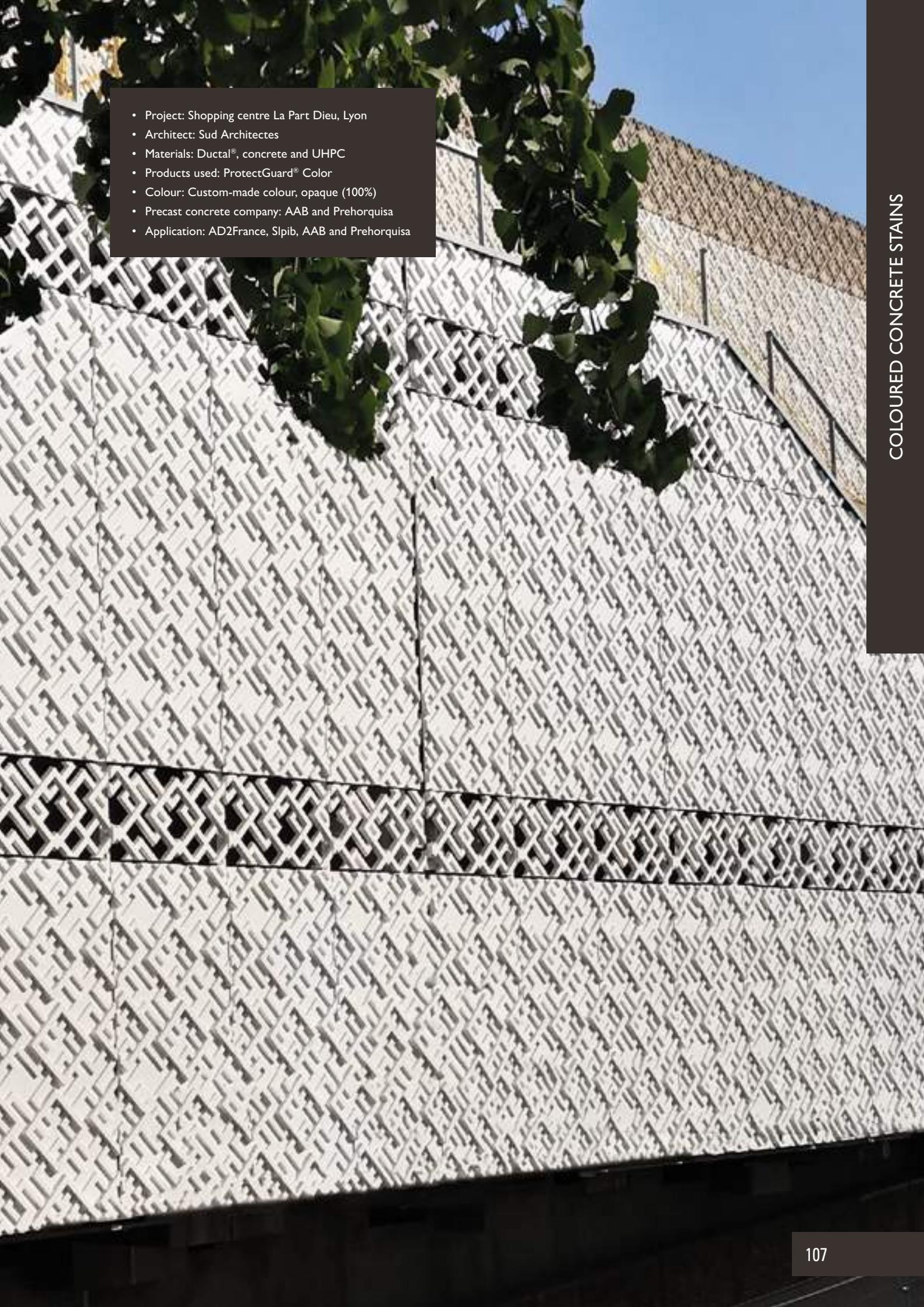
*For our UHPC activity and more generally to protect our concrete elements, if we are asked to colour the elements, we always use Guard Industry stains. With these products, we are sure of the quality delivered as well as the support from the teams in the event of technical issues.*

*For example, Guard Industry helped us with the colour design of our elements for the Lyon Part Dieu Shopping Centre.»*

UHPC panels manufactured for the Elisabeth Badinter school in Asnières



- Project: Shopping centre La Part Dieu, Lyon
- Architect: Sud Architectes
- Materials: Ductal®, concrete and UHPC
- Products used: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: AAB and Prehorquisa
- Application: AD2France, Slpib, AAB and Prehorquisa



# Rui Monteiro, Director of Ductal® (Lafarge Holcim)



«Guard Industry has shown exceptional professionalism and reliability by delivering high-quality, certified products»

Rui Monteiro, Director of Ductal®  
(Lafarge Holcim)

*«Ductal® has been collaborating with Guard Industry for over 20 years on projects worldwide, and this partnership has been highly successful for several key reasons:*

*Guard Industry has global reach, a key feature essential to support Ductal® across all our international projects. Guard Industry has the ambition and capability to operate globally and provide consistent support to our clients everywhere, at the highest level.*

*Expertise and Flexibility – Partnerships, with true experts in their field, with a deep technical knowledge like Guard Industry are mandatory. Especially when Ductal® offers high value solutions on the global building envelope market. It is equally important that this partner adapts quickly to varying market demands. Guard Industry has consistently demonstrated remarkable agility in understanding client needs and delivering tailored solutions.*

*Professionalism – Throughout our collaboration, Guard Industry has shown exceptional professionalism and reliability by delivering high-quality, certified products. Their commitment has helped simplify even the most complex projects, ensuring smooth and successful outcomes across the board.*

*For all these reasons, Ductal® is proud to continue this strong partnership with Guard Industry, confident that they are best-in-class in their field of expertise.»*

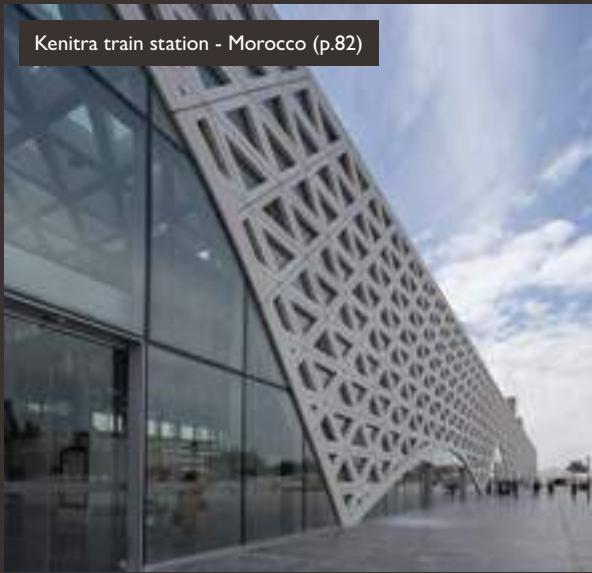


Some projects Ductal®  
treated with Guard  
Industry's products ►

RATP bus centre, Thiais (p.22)



Kenitra train station - Morocco (p.82)



Budin day care centre, Paris (p.26)



Modern Art Museum, Villeneuve d'Ascq (p.76)



Marseillaise tower, Marseille (p.36)



Shopping centre la Part Dieu, Lyon (p.64)



Cepovett head office, Gleizé (p.224)

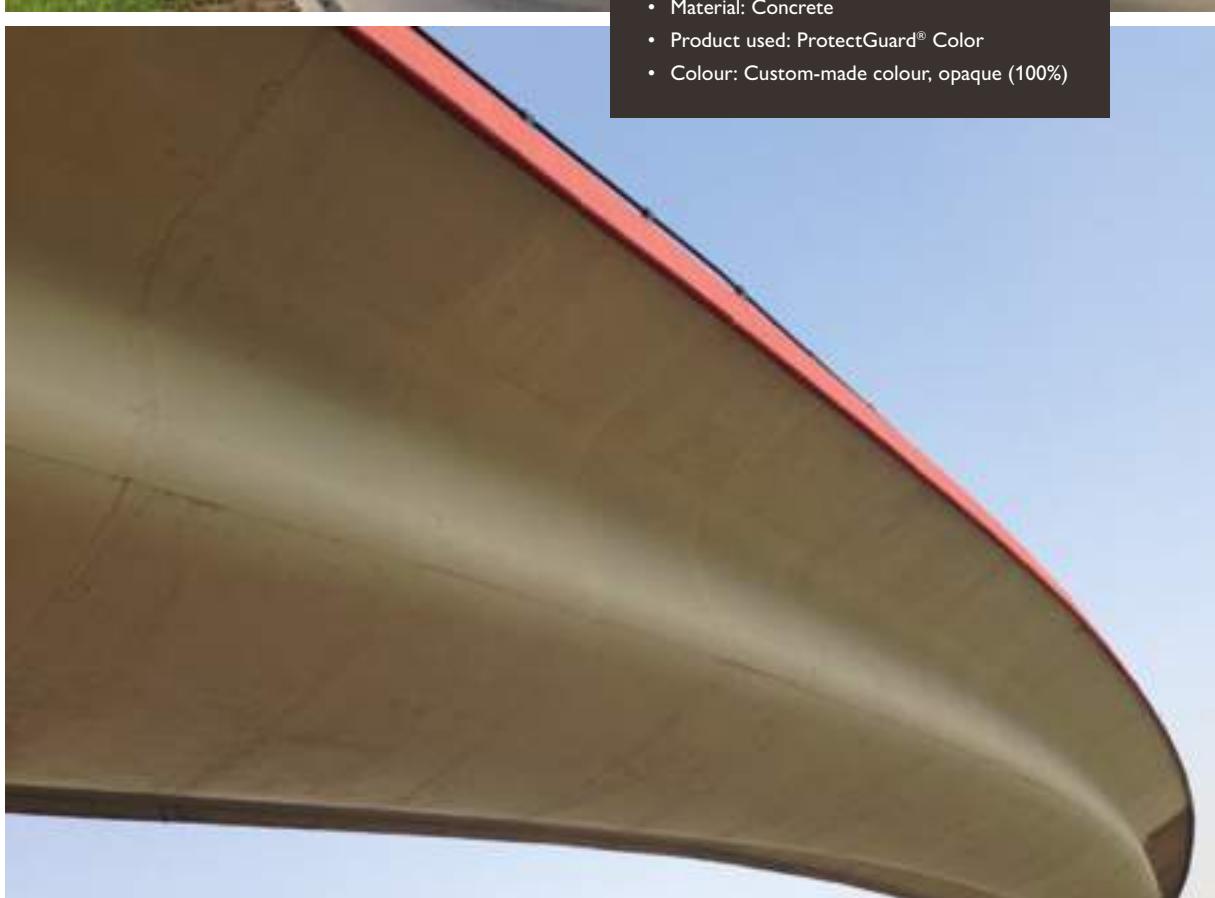


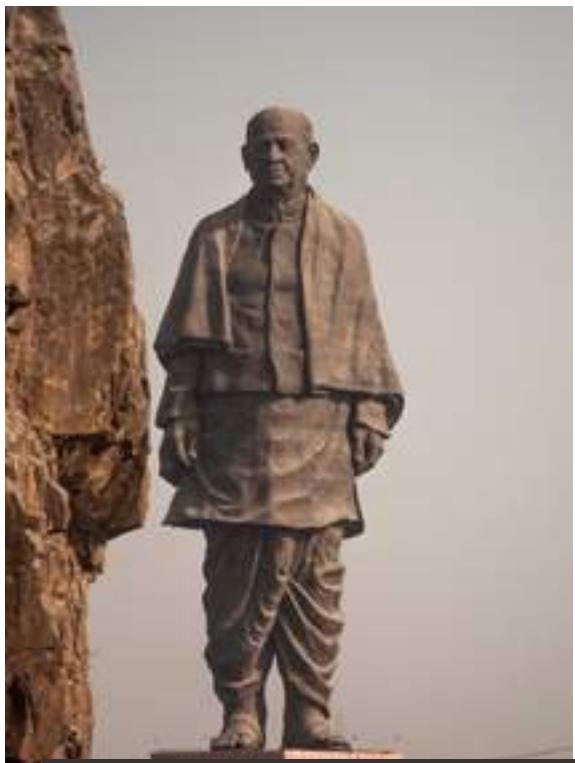


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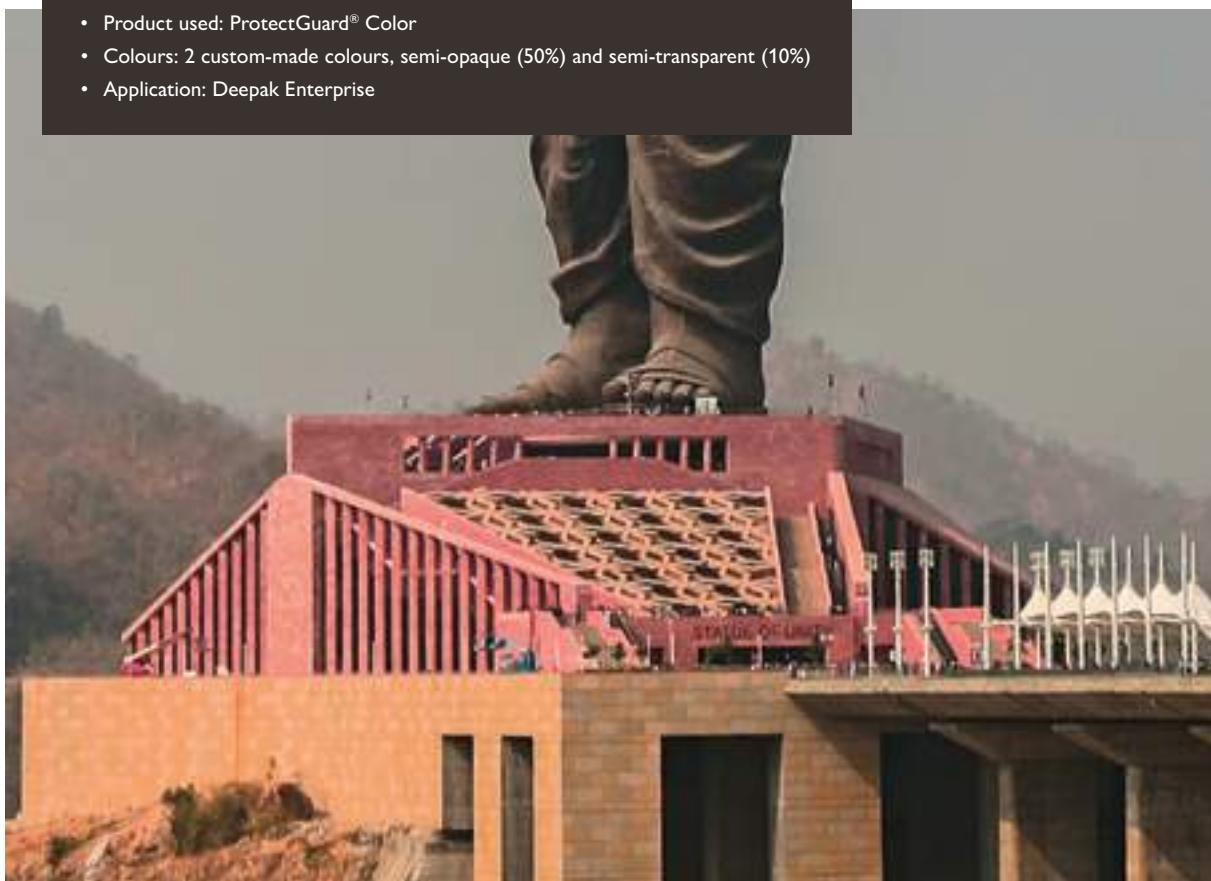
- Project: ZAC Chapelle International lot B, Paris (France)
- Architect: Ignacio Prego Architectures
- Material: Concrete
- Product used: ProtectGuard® Color High Jewellery
- Colour: Gold
- Application: AB Couleur







- Project: Pedestal of the Statue of Unity, Narmada district, Gujarat (India)
- Architect: Ram Vanji Sutar
- Material: Concrete
- Product used: ProtectGuard® Color
- Colours: 2 custom-made colours, semi-opaque (50%) and semi-transparent (10%)
- Application: Deepak Enterprise



# Ian White, Managing Director of Power-Sprays and Fibre Technologies International



«Few companies have focused their attention specifically to meet the demands of the GRC industry but Guard Industry is an exception.»

Ian White, Managing Director of Power-Sprays and Fibre Technologies International

*« Power-Sprays and Fibre Technologies International have been supplying companies worldwide with Glass fibre Reinforced Concrete (GRC) production technologies for nearly 55 years. During this time, we have seen several companies enter the market with systems to protect and colour GRC and other High Performance concretes used in architecture.*

*Few, if any, have focused their attention specifically to meet the demands of the GRC industry but Guard Industry is an exception. We first became aware of Guard Industry's ProtectGuard® Color sealants when a customer had a problem with colour variation on a prestigious architectural project in the Middle East. Guard Industry were able to offer a solution which not only corrected the colour variation but also offered long term protection. They were able to analyse the colour range and compare it with the colour required and then formulate a ProtectGuard® Color sealant specifically to meet the requirements of the project. Whenever we are asked how consistency of colour can be achieved on a GRC project we always propose ProtectGuard® Color.»*





- Project: Housing, Royal Albert Dock, London (UK)
- Material: GRC
- Product used: ProtectGuard® Color
- Concrete precast: Chiltern GRC

# Olga Glushankova and Alexander Elkin, Budova



«ProtectGuard® Color works ideally in climatic zones with a large temperature difference, maintaining the aesthetic view of building facades.»

Olga Glushankova and Alexander Elkin, Budova

*«Our construction company Budova (from Ukraine, Odessa) has existed for 35 years. Our main activity is the construction of high-rise buildings using tunnel formwork with glass fiber reinforced concrete facade panels. Our cooperation with the Guard Industry company is based on complex solutions for using GRC material, which is not the most common in Ukraine.*

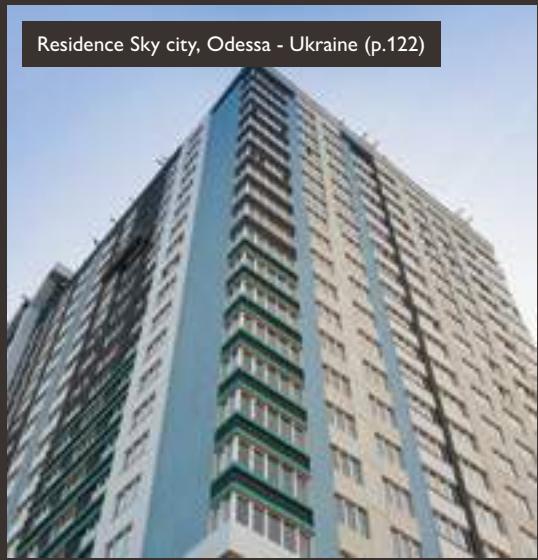
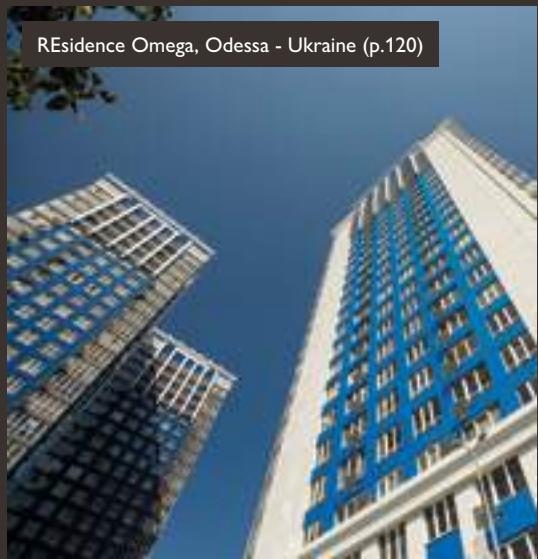
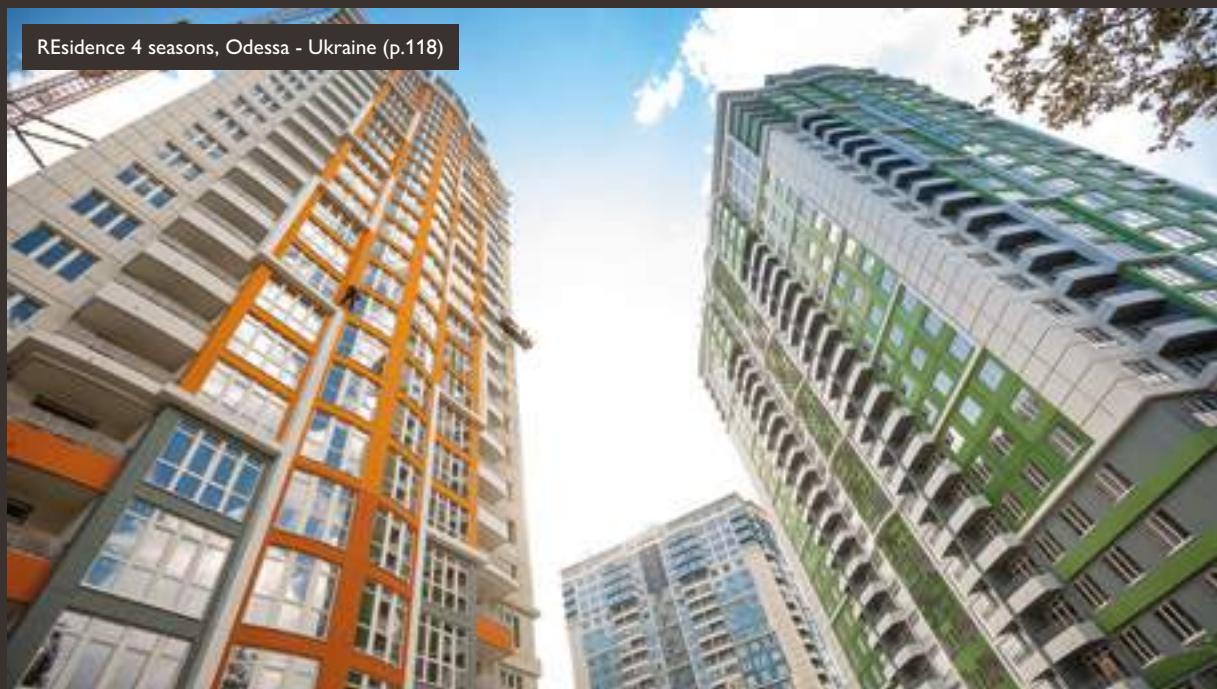
*Protective materials ProtectGuard® Color are the ideal solution for painting and protecting the structures from glass fiber reinforced concrete (GRC). Despite the high density of GRC, these impregnations penetrate deeply into its structure, without forming a thick pellicle on the surface, which makes the structure vapor-permeable and at the same time protects it from external factors that affect the aging of the material. The ability to adjust the covering capacity of ProtectGuard® Color allows architects to use complementary shades on building facades and enhance the natural beauty of concrete surfaces.*

*The results of tests to determine frost resistance, UV resistance, adhesion of ProtectGuard® Color to the GRC surface, etc. have shown that this system works ideally in climatic zones with a large temperature difference, maintaining the aesthetic view of building facades.*

*We are very happy with the cooperation and already friendship with the Guard Industry company, and having opened the manufacturing of Guard Industry materials in Ukraine last year, we are sure that we will be worthy partners and even greater adherents of this technology.»*

For 35 years, Budova has been producing GRC for high-rise buildings in Ukraine







## Seasonal progression for a residential complex in Odessa

In Odessa, Ukraine, a residential complex of four buildings, each representing a different season, has been built.

The «4 seasons» residential complex consists of four buildings, each with its own identity.

These 24-storey concrete towers feature GRC panels in shades of red, orange, blue or green.

For this monumental project, no less than 25 shades of ProtectGuard® Color were custom designed to tint and protect GRC panels.



The four-toned stain gives each building a distinct character



- Project: Residence 4 seasons, Odessa (Ukraine)
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: 25 custom-made colours, opaque (100%)
- Precast concrete company: Budova



- Project: Residence Omega, Odessa (Ukraine)
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: 4 custom-made colours, opaque (100%)
- Precast concrete company: Budova





- Project: Residence Sky city, Odessa (Ukraine)
- Material: GRC
- Product used: ProtectGuard® Color
- Colour: 3 custom-made colours, opaque (100%)
- Precast concrete company: Budova







- Project: Budova head office, Odessa (Ukraine)
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Concrete precast: Budova

# Gianpiero Casagrande, Zanette's R&D Manager



«Guard Industry provides exceptional products and high-quality service»

Gianpiero Casagrande, Zanette's R&D manager

*«The collaboration between Zanette, a major player for 35 years in the field of concrete, UHPC and GRC facades, and Guard Industry, a leader in concrete cosmetics, has made it possible to protect and colour elements of various types and effects, with optimal results.*

*Thanks to this partnership, the works produced retain their colour over time and are durably protected, which is a guarantee of quality.*

*Guard Industry provides exceptional products and high-quality service. I advise all of Zanette's customers to use Guard Industry products. The company offers versatile and customisable solutions to ensure product, colour, effect and dye durability over time.*

*It's not easy to find a company like Guard Industry in today's market that you can rely on and that understands the challenges and problems of the precast concrete industry.»*



For more than 35 years, Zanette has been a major player in the precast concrete market. In particular, the company has developed the CLADIA® cladding for facades with Ductal® inside, in collaboration with Lafarge Holcim.



- Project: Abacus head office, Wittenbach (Switzerland)
- Architect: Beegroup - Gabriele Cavazzano
- Material: Cladia® with Ductal inside®
- Product used: ProtectGuard® Express
- Precast concrete company: Zanette



- Project: Offices, Zurich (Switzerland)
- Material: GRC ZIP (Zanette Innovation panels)
- Product applied: ProtectGuard® Color
- Colour: Anthracite, semi-transparent (20%)
- Precast concrete company: Zanette



- Project: Offices and housing, Zurich (Switzerland)
- Material: GRC ZIP (Zanette Innovation panels)
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%) and Agathe, semi-transparent (10%)
- Precast concrete company: Zanette

# Peter Malatt, Director of Six Degrees

*«This project, consisting of two residential buildings with a total surface area of 25,000 m<sup>2</sup>, highlights two contrasting architectural visions. Flemington stands out with a bold palette of five bright colours, while Prahran adopts discreet pastel tones in thirteen subtle variations.*

*To meet the aesthetic and technical requirements of the project, ImperGuard® Color Silicate Stain was selected. This semi-transparent mineral stain from Guard Industry offers natural colours and long-lasting protection, while concealing imperfections in the material. It creates a uniform finish without masking the texture or mineral character of the concrete, much like an oxide. The 25-year colour retention guarantee was also a reassuring factor in this project, unmatched in the market..*

*The colours of the precast facades used at Prahran are derived from the surrounding context with the reds, ochres and, green tones designed to sit in harmony and to belong in the neighbouring buildings and landscape. Each of the colours (red, ochre & green) has three tones within them to deliver a highly nuanced and varied facade pattern and colouration. Not only was ImperGuard® Color Silicate Stain used to colour the precast facades but also used on some aboriginal stencilled artwork around the 5 building entrances.”*

**«Six Degrees uses Guard Industry concrete stains because of their ease of application, durability and warranted colour fast performance.»**

Peter Malatt, Director of Six Degrees





- Project: Victoria Social House, Melbourne (Australia)
- Architect: 6°
- Material: Concrete
- Product applied: ImperGuard® Color Silicate Stain
- Colour: Basic Black, Basic White, Concrete One, Red Wall and Reseda Green
- Application: Purple Hills

# Eastwood Xiao, General Manager of Shanghai Yichengjuxin Construction



«We are proud to be the exclusive distributor of Guard Industrie products and to share the same values of performance and sustainable development.»

Eastwood Xiao, General Manager of Shanghai Yichengjuxin Construction Technology Company

*«Since 2021, Shanghai Yichengjuxin Construction Technology Company has proudly served as the exclusive distributor of Guard Industry in China. Our partnership in innovative surface protection solutions reflects our commitment to excellence in construction and design.*

*Both Shanghai Yichengjuxin Construction Technology Company and Guard Industry share a strong commitment to sustainability. Over the past years, we have delivered exceptional projects that have set new benchmarks in the Chinese UHPC sector. Among these, we are particularly proud of the Hangzhou Asian Games Yangshan Sport Climbing Center, where we were responsible for precasting the UHPC panels and applying surface protection. This climbing center has garnered numerous awards, standing as a testament to the quality and innovation of our work. What's more, this climbing center has become a new landmark in Hangzhou, attracting numerous visitors who come to admire its beauty.*

*By integrating Guard Industry's products with our expertise and customized one-stop solutions, we are confident in our ability to deliver more outstanding projects in the years to come.»*



«Guard Industry products provide us with solutions that combine technical expertise, aesthetics, protection, durability and respect for the environment.»

Rodrigo Muller, Technical Director of Shanghai Yichengjuxin Construction Technology Company

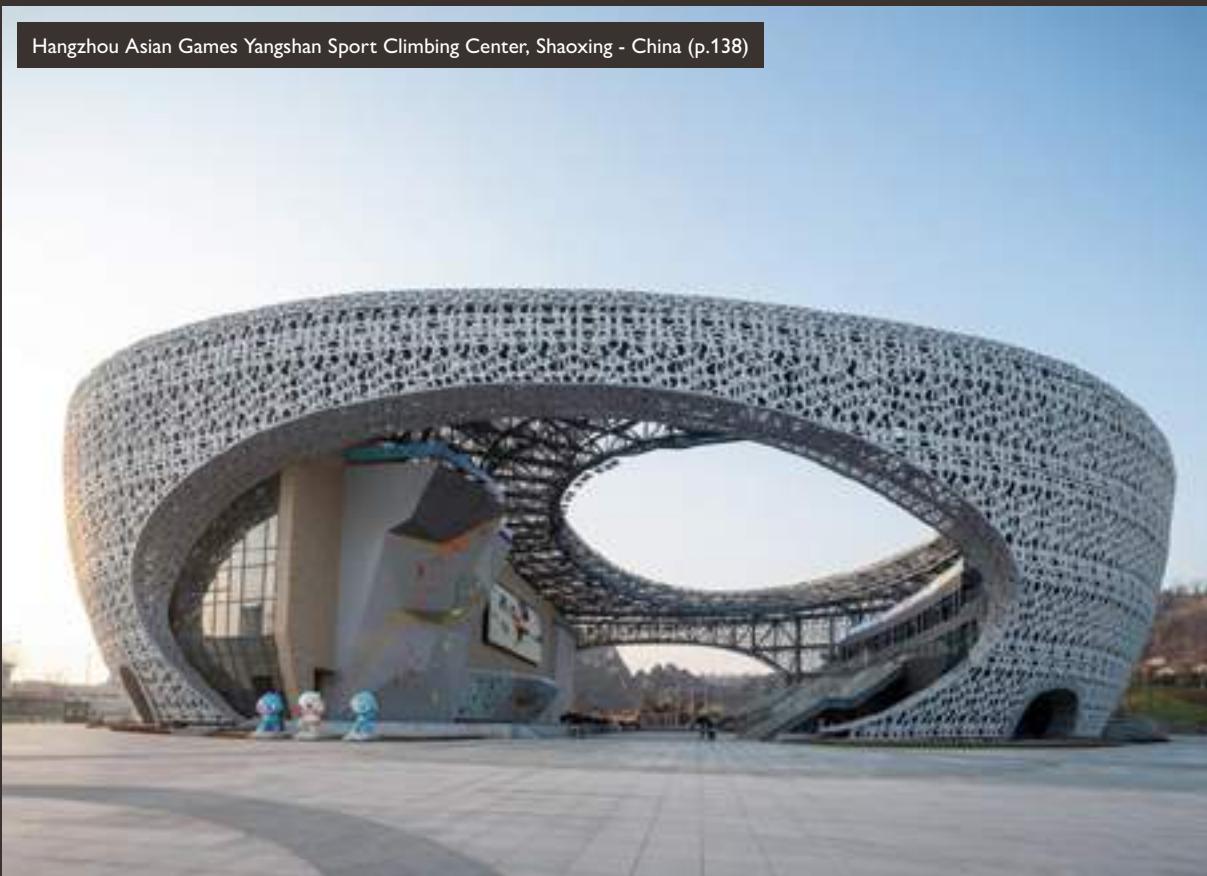
Science and Technology Park, Dongsheng - China (p.230)



Cathedral, Kunming - China (p.136)

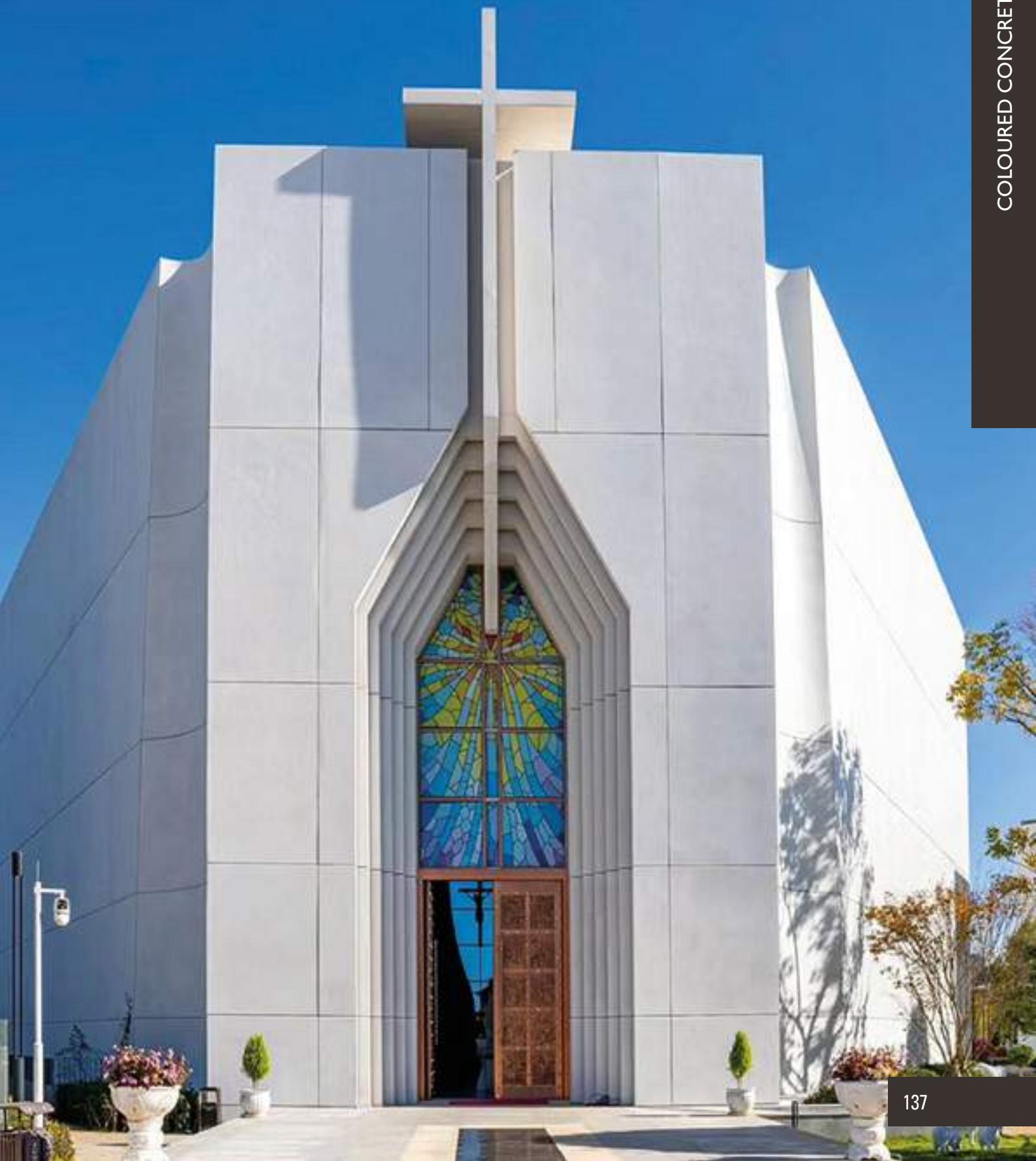


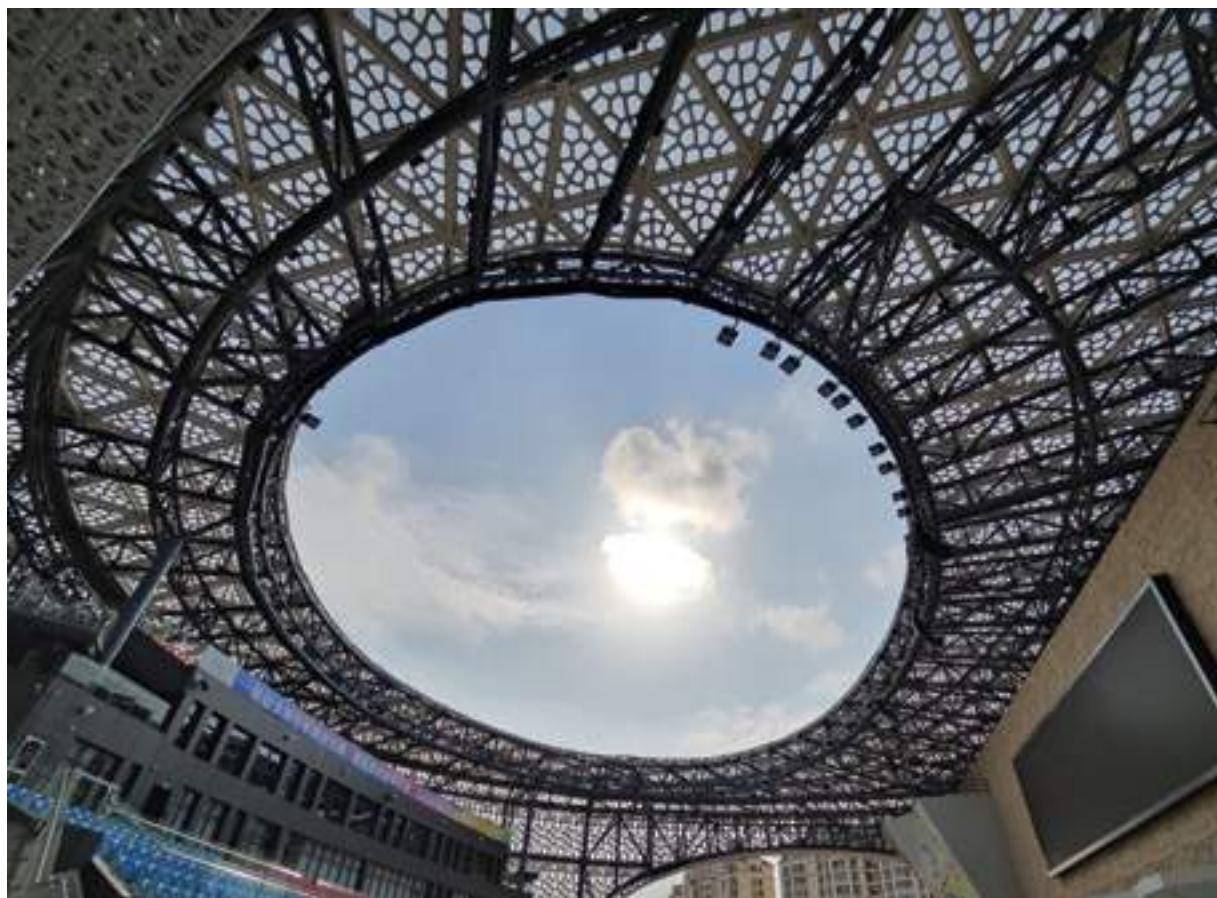
Hangzhou Asian Games Yangshan Sport Climbing Center, Shaoxing - China (p.138)





- Project: Cathedral, Kunming (China)
- Architect: Wang Lifang Studio, Tsinghua University
- Material: UHPC
- Product applied: ProtectGuard® Color
- Colour: Basic White, opaque (100%)
- Precast concrete company: Shanghai Yichengjuxin Construction Technology Company





- Project: Hangzhou Asian Games Yangshan Sport Climbing Center, Shaoxing (China)
- Architect: Huahui Engineering Design Group Co.,Ltd
- Material: UHPC
- Product applied: ProtectGuard® Color
- Colour: Basic White, opaque (100%)
- Precast concrete company: Shanghai Yichengjuxin Construction Technology Company





## Canopy colour for a museum in the heart of the city

In Singapore, the Lee Kong Chian Museum of Natural History blends seamlessly into the urban fabric. Its wood-effect die-cast concrete evokes the texture and natural presence of the rainforest.

Designed to meet scientific, educational and architectural requirements, this building stands out for its simple and efficient layout. All technical and conservation facilities have been discreetly integrated to preserve the aesthetic unity of the site.

The museum is structured around three main volumes, inspired by natural geological forms, which emerge from a vegetated base. This choice allows for perfect integration into the urban landscape while ensuring natural thermal regulation.

The façades were constructed using exposed concrete, poured into wooden moulds and then stained on site in a custom colour to echo the surrounding canopy and create visual continuity with nature. This finish gives the building a technical yet refined character, while ensuring excellent durability in Singapore's tropical climate.

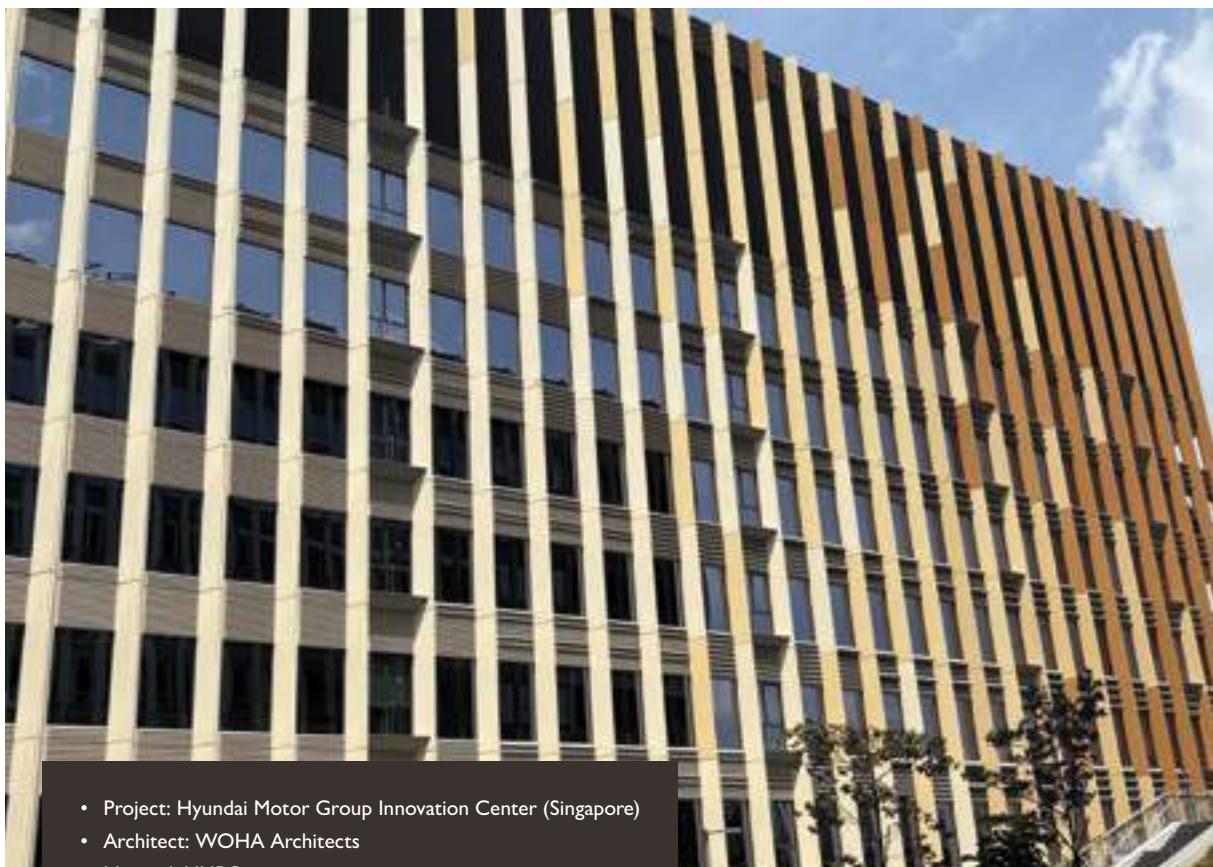
- Project: Lee Kong Chian Natural History Museum (Singapore)
- Material: Concrete
- Product applied: ImperGuard® Color Silicate Stain
- Colour: Custom-made colour, dilution 1/3
- Application: Renuglass



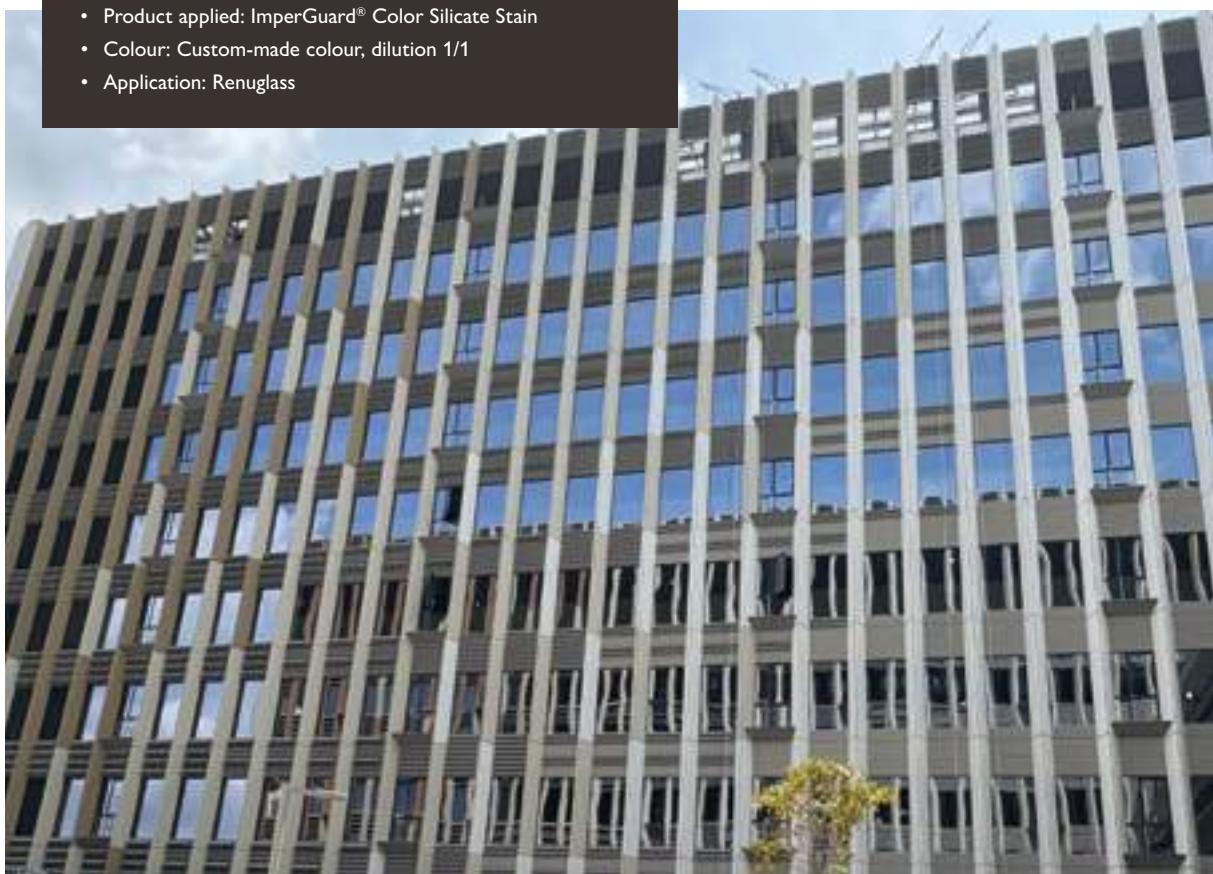


- Project: Hyundai Motor Group Innovation Center (Singapore)
- Architect: DP Architects
- Material: UHPC
- Product applied: ImperGuard® Color Silicate Stain
- Colour: Custom-made colour, dilution 1/3





- Project: Hyundai Motor Group Innovation Center (Singapore)
- Architect: WOHA Architects
- Material: UHPC
- Product applied: ImperGuard® Color Silicate Stain
- Colour: Custom-made colour, dilution 1/1
- Application: Renuglass



# Almat Turkbayev, CEO of Salben Groupe



«With Guard Industry's products, we confidently guarantee long-lasting protection and the preservation of the aesthetic qualities of our custom-designed GRC and GFRG elements»

Almat Turkbayev, CEO of Salben Groupe

*«Over the past 20 years, Salben Group has established itself as the leading producer of exclusive decorative elements made from glass fiber reinforced concrete (GRC) and glass-fiber reinforced gypsum (GFRG) in Kazakhstan. Salben Group's production capabilities, with two major factories in Almaty and Astana, enable us to manufacture over 100 thousand square meters of finished products annually. We are proud to be the first and largest company in our region, committed to delivering innovative and high-quality solutions.*

*For over six years, we have collaborated closely with Guard Industry, benefiting from their unparalleled expertise in surface protection and aesthetic enhancement. Whether it's about adding vibrant colors to our architectural facades or ensuring long-lasting protection against the harsh Kazakh climate, Guard Industry's solutions have consistently met our high standards. Our partnership has allowed us to consistently deliver high-*

*quality, durable, and visually striking projects that meet the demands of both our clients and international standards, whether for government projects, private developments, or large-scale commercial constructions. The technical support from Guard Industry's team has been invaluable, particularly when addressing the unique challenges of complex architectural designs.*

*As a member of the International Glassfibre Reinforced Concrete Association (GRCA), we are committed to using only the most advanced technologies and materials from renowned international suppliers. Guard Industry's expertise and reliable products perfectly complement our dedication to excellence, helping us achieve superior results in every project we undertake.*

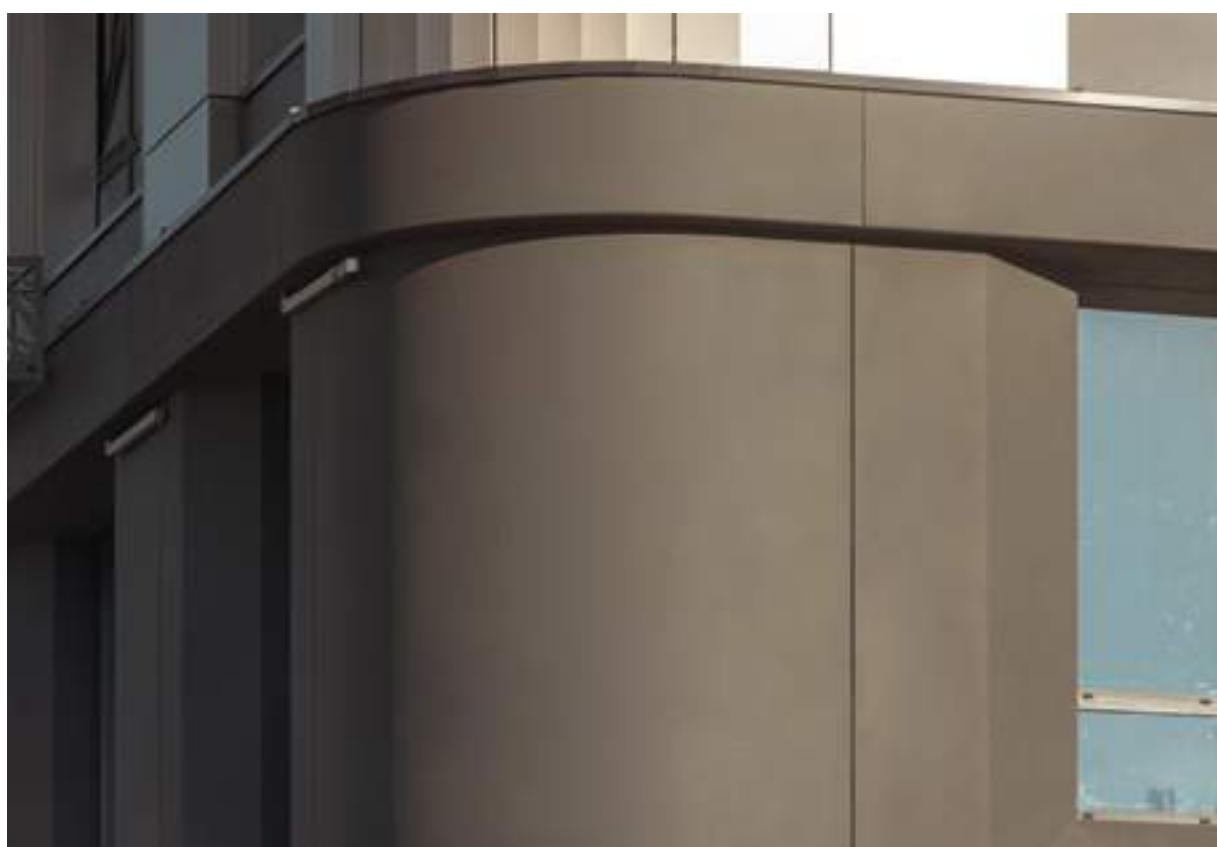
*With Guard Industry, we can confidently guarantee our clients long-lasting protection, resistance to environmental factors, and the preservation of the unique aesthetic qualities of our custom-designed elements.»*





- Project: Capital City Residential Complex, Shymkent (Kazakhstan)
- Material: GRC
- Product applied: ProtectGuard® Color High Jewellery
- Colour: Custom-made colour
- Main contractor: Capital Invest Construction
- Precast concrete company: Salben Group





- Project: Grand Turan offices, Astana (Kazakhstan)
- Architect: INK Architects
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Traffic Grey, opaque (100%)
- Main contractor: BI Group
- Precast concrete company: Salben Group



## Golden finery for a high-end residence

In Almaty, Kazakhstan, this large residential complex embodies harmony between refined architecture, modern technologies and unique golden glaze, creating a strong identity and distinctive status.

Located in a prestigious neighbourhood of Almaty, the Hayat Meliora complex covers 3.4 hectares and consists of seven 5- to 6-storey buildings.

The main entrances are designed in a hotel style, creating an atmosphere of comfort and elegance from the moment you arrive. This project redefines the standard of urban housing by combining architectural aesthetics, technical quality and innovative materials.

For the finish, the architect chose ProtectGuard® Color High Jewellery stain, which gives the façades a remarkable elegance while providing lasting protection for the concrete against the region's extreme weather conditions.

- Project: Hayat Meliora complex, Almaty (Kazakhstan)
- Material: GRC
- Product applied: ProtectGuard® Color High Jewellery
- Colour: Custom-made colour
- Main contractor: Hayat Construction Group
- Precast concrete company: Salben Group





- Project: Dy Patil offices, Nerul (India)
- Architect: Foster + Partners
- Material: Concrete
- Product applied: ProtectGuard® Color and ProtectGuard® CE
- Colour: Custom-made colour, semi-transparent (50%)
- Precast concrete company: Aryan Company





- Project: YashoBhoomi IICC Convention Centre, Dwarka Delhi (India)
- Architect: Idom Spain
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Desert White, semi-opaque (50%)
- Main contractor: L & T
- Application: Application: Deepak Company



- Project: Novotel hotel, Abidjan (Ivory Coast)
- Architect: Bits To Atom
- Material: UHPC
- Product applied: ProtectGuard® Color
- Colour: Basic White, opaque (100%)
- Precast concrete company: CCL





## Futuristic metro station in Riyadh

Located in the financial district of King Abdullah, this project designed by Zaha Hadid Architects captivates with its distinctive wave-shaped architecture.

At the heart of Riyadh's new financial centre, KAFD station embodies the kingdom's architectural and urban ambition. Designed by the renowned Zaha Hadid Architects, this futuristic metro station stands out as a powerful symbol, combining fluid lines, natural light and a bold parametric structure.

Designed to accommodate a high volume of passengers, the station combines functionality, technical innovation and architectural expression. Its complex structure is based on a concrete and steel shell, clad with a perforated façade that regulates light and heat while providing natural ventilation.

To colour and protect the structure, the architects chose ProtectGuard® Color stain with an opaque finish to achieve a perfect finish, maintain a sense of fluidity and capture maximum light.

- Project: KAFD Metro Station, Riyadh (Saudi Arabia)
- Architect: Zaha Hadid
- Material: UHPC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Fibrex

# Mohamed Halawa, Factories Manager of Abu Dhabi Precast



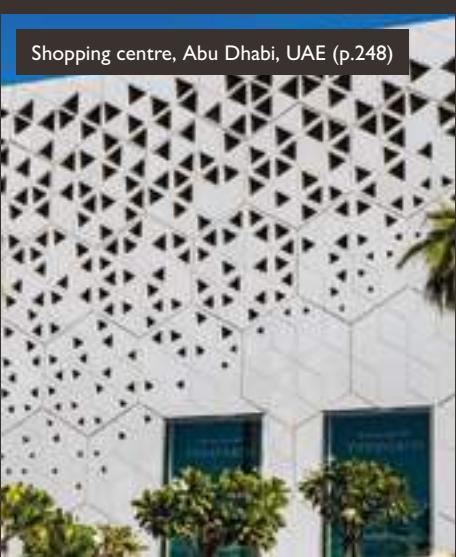
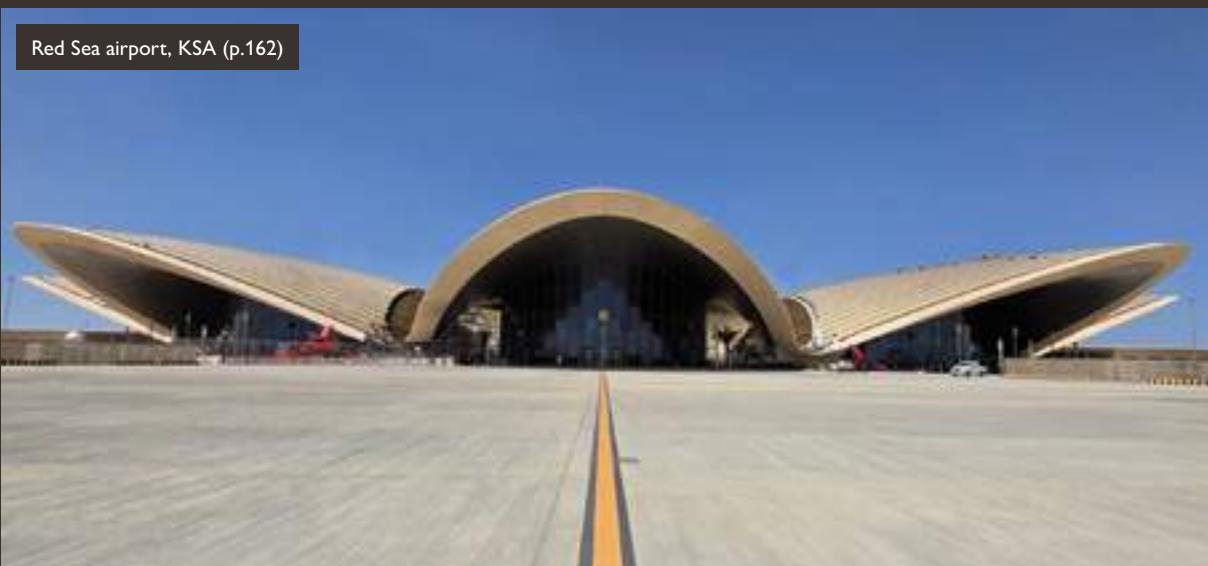
«Guard Industry has proven to be a reliable supplier of high-quality solutions that perfectly meet the standards of our prestigious projects.»

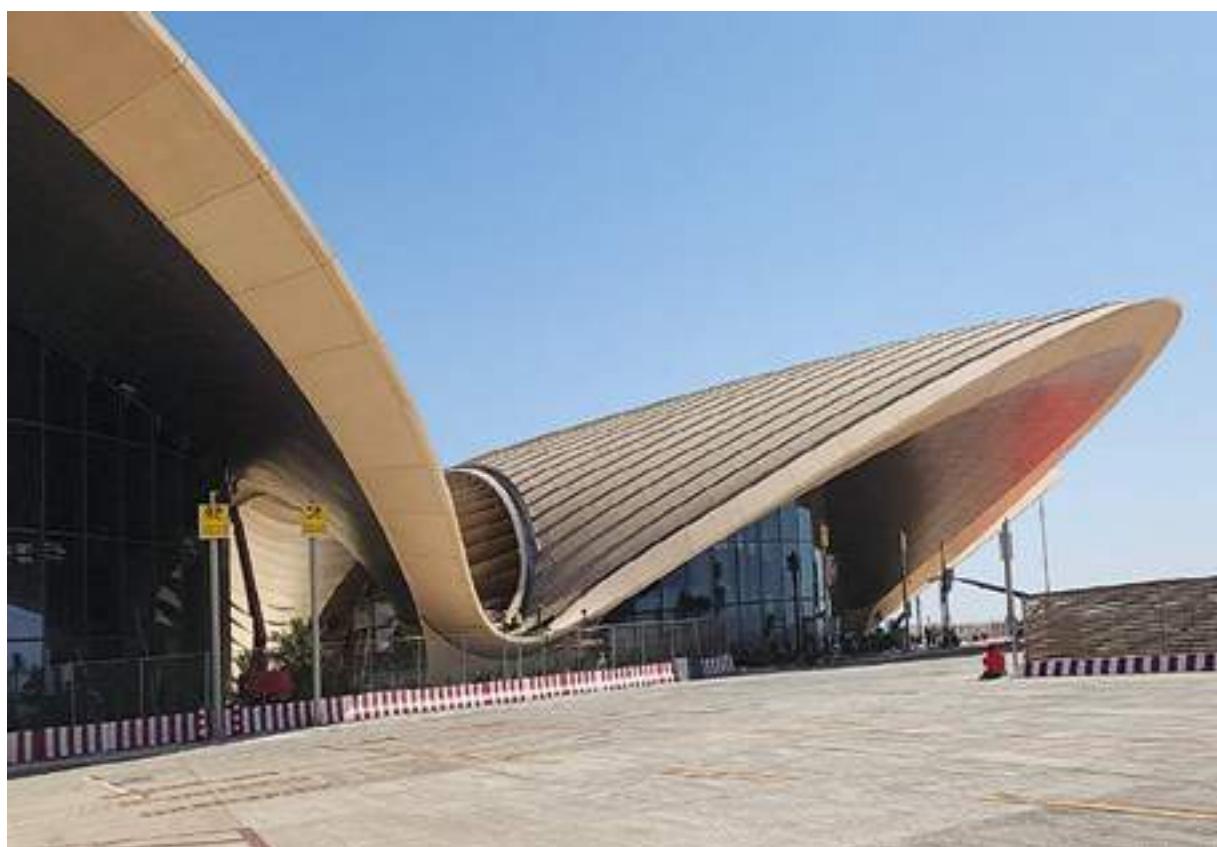
Mohamed Halawa, Factories Manager of Abu Dhabi Precast

*«As Abu Dhabi Precast, one of the leading manufacturers in the region, we take pride in delivering high-quality solutions for some of the most iconic and technically demanding projects in the Middle East. Our portfolio includes landmark developments such as the Zayed National Museum in the UAE and the Red Sea International Airport in Saudi Arabia, both designed and supervised by internationally renowned consultants.*

*After extensively using Guard Industry pigmented and transparent sealers in our recent projects, we are pleased to share our positive evaluation of the product.*

*The sealers (pigmented and transparent) have demonstrated excellent performance in terms of surface protection, ease of application, and enhancement of the final finish. It provided a uniform appearance with consistent color matching, fully meeting our aesthetic and technical requirements. Its durability and weather resistance have further contributed to maintaining the integrity of our GFRC surfaces. Guard Industry has proven to be a reliable, high-quality solution provider that aligns well with the standards of our prestigious projects.»*





- Project: Airport, Red Sea (Saudi Arabia)
- Architect: Foster and Partners
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Main contractor: Nesma & Partners Contracting Co. Ltd and Almabani General Contractor
- Precast concrete company: Abu Dhabi Precast



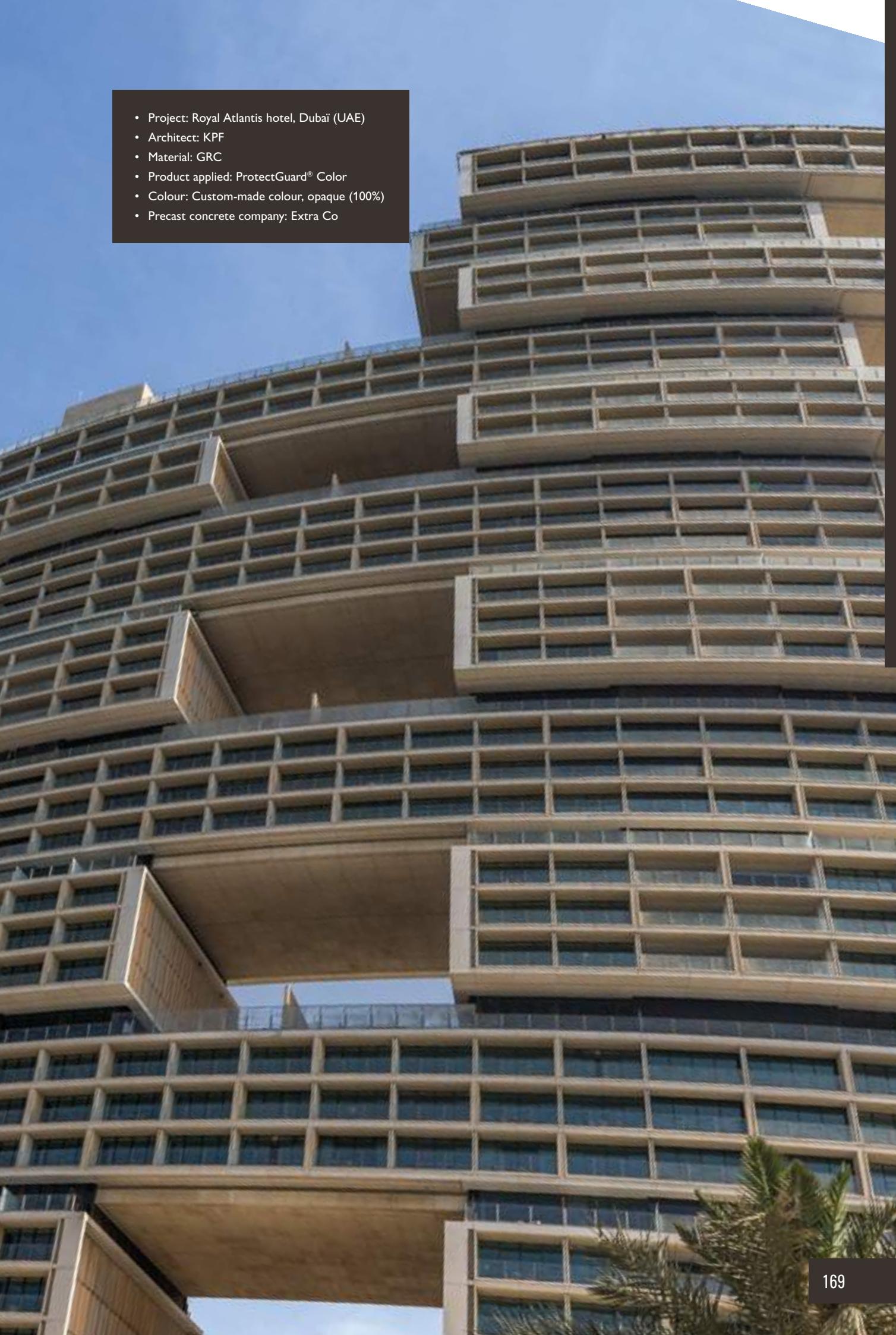
- Project: Triple Bay Marina, Amaala (Saudi Arabia)
- Architect: Dewan Architect
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Main contractor: Saudi Arabian Baytur Construction Co
- Precast concrete company: Abu Dhabi Precast



- Project: Ain tallest wheel, Dubaï (UAE)
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Basic White, opaque (100%)
- Precast concrete company: Fibrex



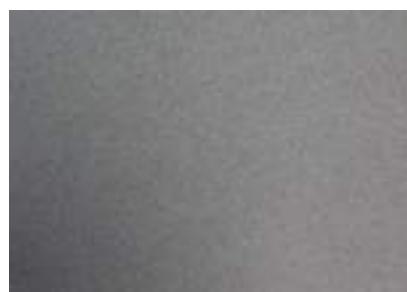
- Project: Royal Atlantis hotel, Dubai (UAE)
- Architect: KPF
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Extra Co





## Custom-made colour for Amazon's headquarters

In Dubai's Tech Knowledge Village, a new ultra-modern office complex has been built to meet Amazon's development requirements in the region.



ProtectGuard Color® stain preserves the building's mineral appearance.

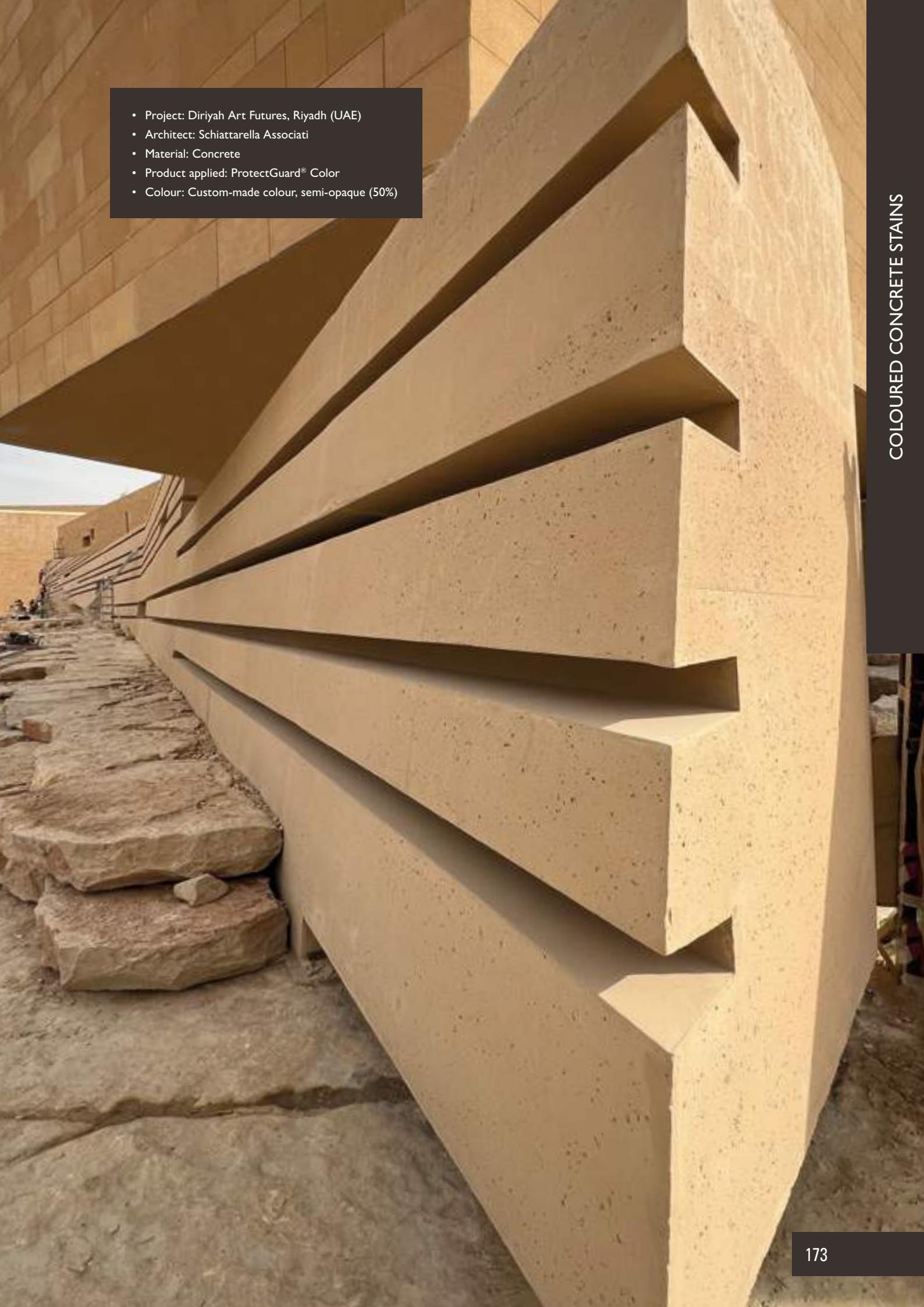
The Innovation Hub Phase 2 is a modern, sustainable architectural complex designed to combine contemporary aesthetics, high environmental performance and urban friendliness. It uses materials and fixtures adapted to the local climate while creating a vibrant and attractive location for tech companies.

The façades alternate glass and clear concrete modules, treated with ProtectGuard® Color stain in two levels of opacity, to control light and reduce the effect of heat on the ground.

- Project: Amazon headquarters, Dubaï (UAE)
- Architect: WSP Middle East Architectural & Engineering Consultancy
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%) and semi-opaque (50%)
- Main contractor: Bu Haleeba Contracting LLC
- Property developer: Tecom Group
- Precast concrete company: Arabian Cladding







- Project: Diriyah Art Futures, Riyadh (UAE)
- Architect: Schiattarella Associati
- Material: Concrete
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, semi-opaque (50%)

# Hani Jundi, Deputy General Manager of Station Group



«By integrating sustainable solutions from Guard Industry, we not only elevate visual impact but also ensure our façades stand the test of time with purpose and integrity»

Hani Jundi, DGM of Station Group

*«In Saudi Arabia's most visionary architectural undertakings the iconic Red Sea Shura Island development and the New SABB Headquarter Tower in Riyadh, Station Group, a leader in GFRC façade composites, has partnered with Guard Industry to achieve unmatched standards in design, durability, and sustainability.*

*The final aesthetics of a building define its identity every line, texture, and tone contributes to its identity. By applying ProtectGuard® Color, Station Group delivers impeccable tonal uniformity across intricate façade surfaces, while ensuring long-term protection and aligning with LEED-compliant environmental goals.*

*The result? Striking aesthetics that endure, even in the region's most demanding conditions.*

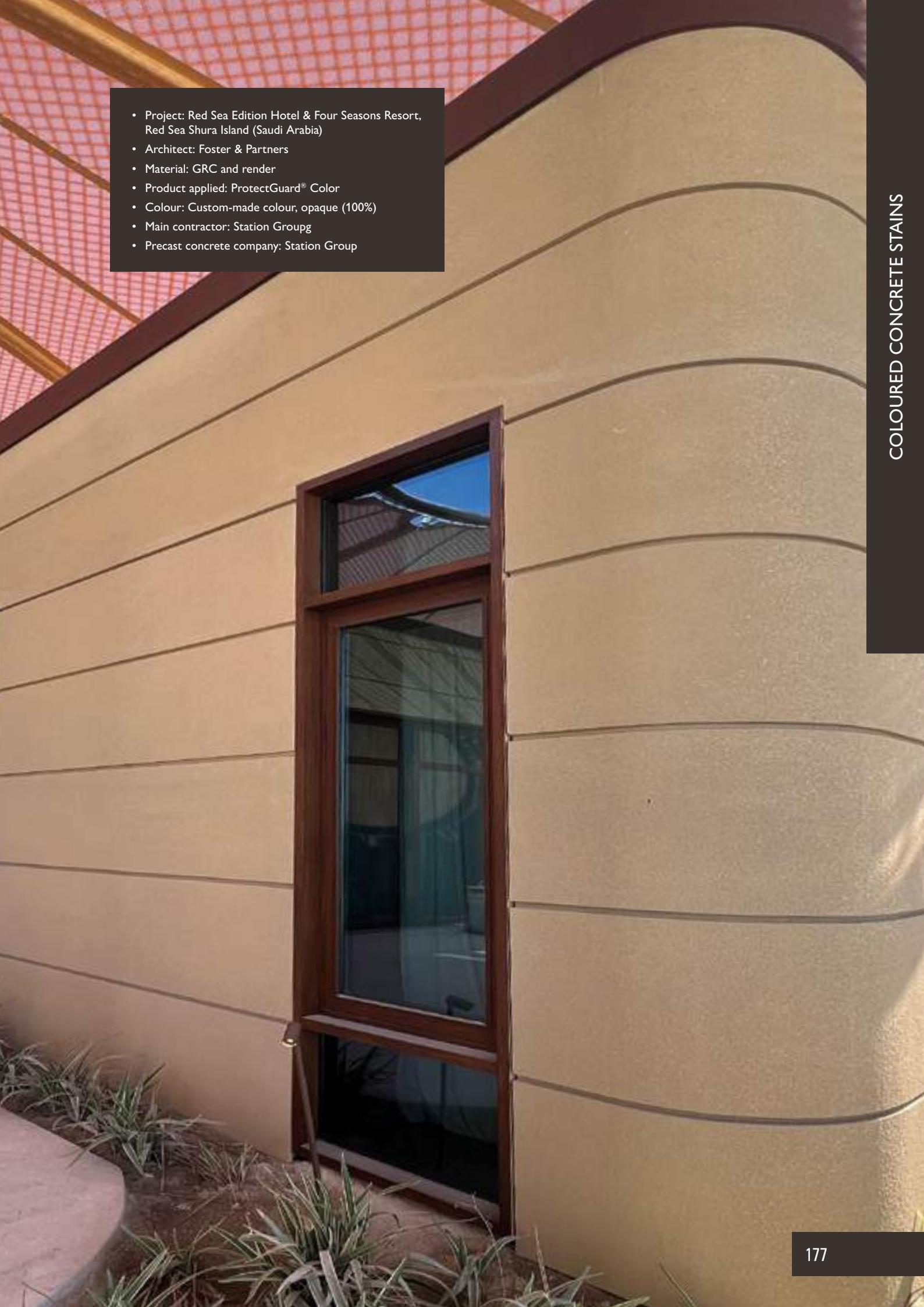
*Following the success of this collaboration, Station Group is expanding its application of Guard Industry's advanced coating solutions to the upcoming Saudi Entertainment Ventures (SEVEN) complexes in Jeddah and Jizan, further reinforcing its commitment to excellence across the Kingdom's most high-profile developments.»*

- Project: SABB Tower, Riyadh (Saudi Arabia)
- Architect: Callison RTKL
- Material: GRC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Main contractor: El Seif Engineering Contracting
- Precast concrete company: Station Group





- Project: Red Sea Edition Hotel & Four Seasons Resort, Red Sea Shura Island (Saudi Arabia)
- Architect: Foster & Partners
- Material: GRC and render
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Main contractor: Station Group
- Precast concrete company: Station Group





- Project: Metro wall, Doha (Qatar)
- Material: UHPC
- Product applied: ProtectGuard® Color
- Colour: Custom-made colour, opaque (100%)
- Precast concrete company: Gulf GRC





## Metal finish for two buildings in Helsinki

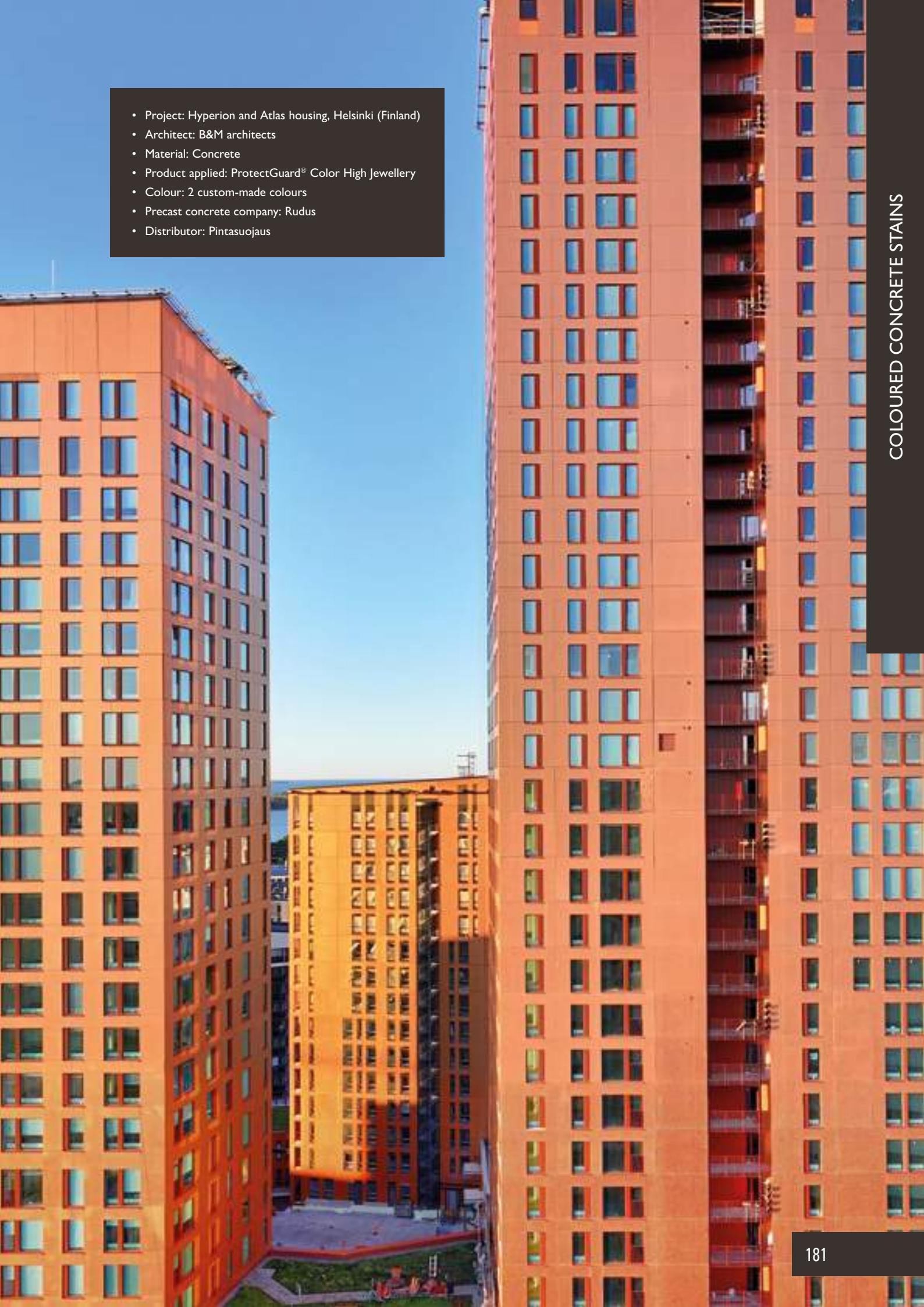
In the Vuosaari district, this large residential complex comprising the Hyperion and Atlas towers embodies a new era of vertical living in Helsinki.



For this project, the architects called on Guard Industrie and its ProtectGuard® Color High Jewellery stain to achieve their vision of giving the concrete façades an elegant, contemporary metallic finish.

This technical solution created subtle, changing reflections that vary depending on the orientation of the building and the natural light. The interplay of metallic hues gives the concrete a unique visual depth, while emphasising the resolutely modern character of the architecture.

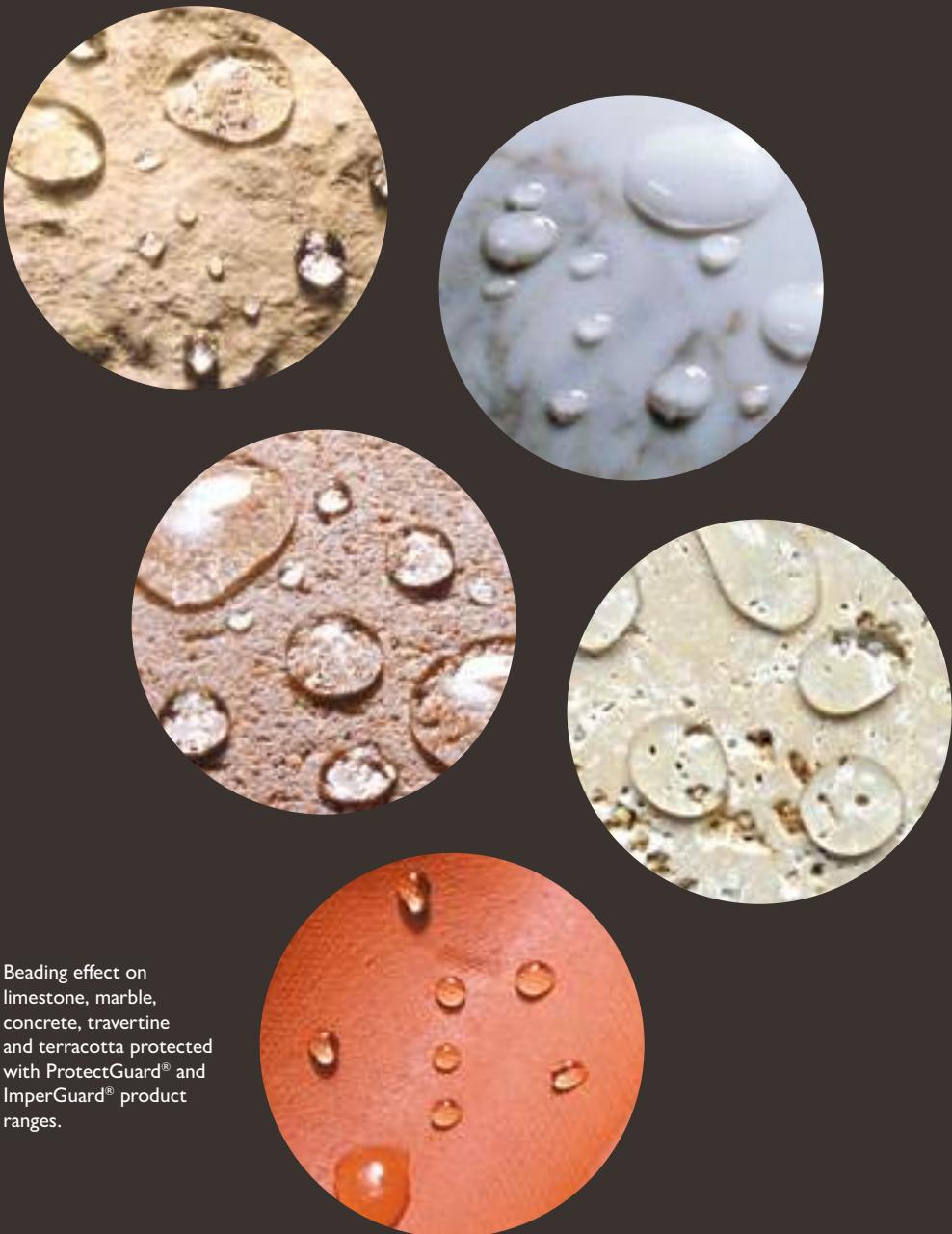
- Project: Hyperion and Atlas housing, Helsinki (Finland)
- Architect: B&M architects
- Material: Concrete
- Product applied: ProtectGuard® Color High Jewellery
- Colour: 2 custom-made colours
- Precast concrete company: Rudus
- Distributor: Pintasuojaus





Water-repellent, oil-repellent, anti-stain and anti-graffiti.  
A range of colourless stains to take care concrete.

# Protect concrete and stone



Beading effect on  
limestone, marble,  
concrete, travertine  
and terracotta protected  
with ProtectGuard® and  
ImperGuard® product  
ranges.

# A complete range of colourless stains for concrete and stone

Leader in the care of building materials, Guard Industry offers a range of water-repellent, oil-repellent, anti-stain and anti-graffitis products. ProtectGuard® products offer the best protection for concrete or stone surfaces and preserve heritage buildings as well as new structures.



# Best preventive solutions to building materials degradations



## Water-repellent

Our protection products prevent water ingress and eliminate negative effects caused by humidity (erosion, degradation due to continuous 'freezethaw' cycles, efflorescence, saltpeter, development of micro-organisms, etc.)



## Oil-repellent

Our protection products make materials more resistant to staining, oil and atmospheric pollution. They make maintenance easier and ensure the longevity and quality of building renovations.



## Anti-graffiti

Our protection products create a barrier that prevents deep penetration of ink and paint pigments into porous materials. Once a material is treated, graffiti can be easier to remove with antigraffiti products from the Guard® Remover Graffiti range.

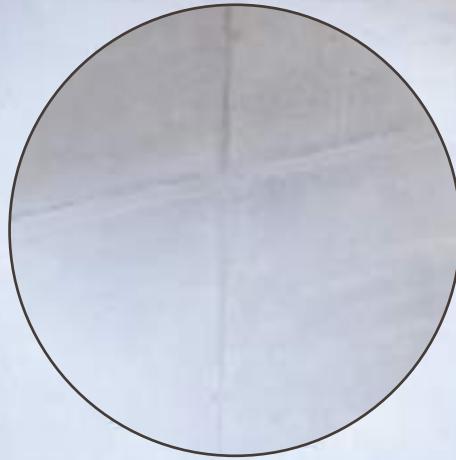
## Products respectful of materials

### A completely invisible protection

Our protection products are impregnation products. They penetrate into materials without forming a film. Invisible once dry, they do not modify a materials structure or its colour.

### Treated materials remain permeable to air and water vapour

Our protection products do not modify the materials characteristics. The permeability loss of moisture for a treated material is less than 10% (result calculated in accordance with the 52615 standard).



ProtectGuard® products are impregnation products.

They penetrate into materials without forming a film. Invisible once dry, they do not modify a materials structure or its colour.





© Phillip Pessar - Flickr

- Project: One Thousand Museum, Miami (USA)
- Architect: Zaha Hadid
- Material: GRC
- Product used: ProtectGuard® CE
- Precast concrete company: Arabian Profile





## Architecture with an outstanding finish

Designed by Álvaro Siza, the Iberê Camargo Foundation, Porto Alegre intrigues by its L shape consisting of three cuboids.

The architect wanted this imposing building to be in white concrete, as a gesture to modern Brazilian architecture, which is very fond of this material.

After the project was finished the architect wanted to have the concrete exterior protected from damage to ensure it would keep its original appearance.

ProtectGuard®, which is completely invisible and non-filmforming, was the perfect method to provide durable protection while respecting the concrete.

- Project: Iberê Camargo Foundation, Porto Alegre (Brazil)
- Material: Concrete
- Architect: Álvaro Siza
- Product used: ProtectGuard®
- Application: Byp Clean



## Eternal protection for the Vatican columns

The symbol of St Peter's Square in Rome, Bernini's columns underwent restoration from 2009 to 2014.



Application of ProtectGuard® by the company Pelicoat and Vatican technical services.

Following several years of meticulous cleaning, the Vatican needed to ensure the results would endure by protecting the columns from soiling and recurring graffiti.

For this project the Vatican laboratory in charge of restoration of monuments selected and adopted ProtectGuard® as the most effective, longest lasting technology.

- Project: Bernini's columns, Vatican
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Pelicoat & Vatican technical services



# Jean-Pierre Tardif, Seccobat's CEO



«Guard Industry's products are by far the best products available on the national and international market»

Jean-Pierre Tardif, Seccobat's CEO

*«I created the company Seccobat in 1994 with its main activity being the cleaning and treatment of Historic Monuments. In this context I was looking for ecological and high performance technical products that can be applied without risk to historical monuments.*

*I met Guard Industry in 1996 who developed the MHB 2010 for my activity. This is a water and oil repellent protection product adapted to the constraints of monuments. This product quickly proved its worth and was validated and recommended by the LRMH (Research Laboratory of Historical Monuments).*

*I have been working closely with Guard Industry for almost 25 years, first with Alain Wayser, the founder of the company, now with Barnabé Wayser, his son. A friendly relationship of trust has developed with Guard Industry's managers and teams. On all my construction sites, I exclusively use Guard Industry products. They are by far the best products available on the national and international market.*

*Seccobat and Guard Industry have together carried out many very prestigious operations in France (notably on Parisian monuments) but also abroad: Grand Palais, Petit Palais, Opéra Garnier, Notre Dame, Horizons Tower (Ateliers Jean Nouvel), Paris Orthodox Church (Jean Michel Wilmotte), Charles de Gaulle Airport, Senate, Ritz Hotel, Crillon Hotel, Pont Neuf, etc. »*



Horizons tower, Boulogne-Billancourt (p.194)



Notre Dame, Paris (p.196)



Orthodox church, Paris (p.198)



Petit Palais, Paris (p.200)



HSBC head office, Paris (p.204)



Grand Palais, Paris (p.202)



© Fred Romero, Flickr

## Exceptional protection for a «non tower»

The Horizons tower designed by the Ateliers Jean Nouvel breaks away from the monolithic aspect of high-rise buildings by playing on the stacking of three facades with radically different styles.

Inaugurated in the spring of 2011, the Horizons Tower is an office building located on the former grounds of the Renault factories facing Ile Seguin in Boulogne-Billancourt. This eighteen-storey tower extends over 35,000 m<sup>2</sup> and is 88 metres high.

This non-tower is designed as a pyramid with three buildings with very distinct coverings that reinterpret the surrounding geographical area: a sculpted concrete base for the earth, a central brick module for the city and a glass roof to blend into the sky.

To protect the base of the concrete building, AJN called on Guard Industry and its ProtectGuard® product to provide water, oil and anti-graffiti protection for the concrete.

- Project: Horizons tower, Boulogne-Billancourt (France)
- Architect: Ateliers Jean Nouvel
- Material: Concrete
- Product used: ProtectGuard®
- Application: Seccobat





- Project: Notre Dame, Paris (France)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Seccobat





© Ninara - Flickr

- Project: Orthodox church, Paris (France)
- Architect: Jean-Michel Wilmotte
- Material: Concrete
- Product used: ProtectGuard®
- Application: Seccobat



© Davide Mainardi - Flickr

- Project: Petit Palais, Paris (France)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Seccobat





- Project: Grand Palais, Paris (France)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Seccobat





- Project: HSBC head office, Paris (France)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Seccobat



# Ram Savani, Director of Savani Heritage Conservation Pvt. Ltd.

*«Savani Heritage Conservation Pvt. Ltd. has been specializing in restoration of Heritage Structures for 30 years. We chose to apply Guard Industry products on some of our projects for several reasons.*

*The products supplied by Guard Industry have performed very well over the years in the heavy rainfall and hot climate conditions prevalent in India. Rajabhai Towers and IIM Ahmedabad were two prestigious projects where these were applied successfully. We observed the performance during and after the monsoon season and found it to be satisfactory. These are also easy to apply and we get full technical support from the local team.*

*We prefer to use these products because we get a complete technical solution for cleaning, protection, decoration and treatment of different types of substrates such as lime plaster, bricks, natural stones etc. The products are breathable, do not form a film and give long term protection.»*

**«We prefer to use these products because we get a complete technical solution»**

Ram Savani, Director of Savani Heritage Conservation Pvt. Ltd.



Taj Mahal Palace, Mumbai (India) - Natural stone treated with ProtectGuard® MG



Rajabai Clock Tower, Mumbai (India) - Brick treated with ProtectGuard®



Invisible once applied,  
ProtectGuard® SC does  
not modify concrete's  
colour or structure.  
ProtectGuard® SC  
durably protects against  
water, staining and graffiti.

- Project: Paparemborde high school, Colombes (France)
- Material: Concrete
- Product used: ProtectGuard® SC
- Application: PSS Interservice





- Project: Shopping centre, Winterthur (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® SC
- Application: PSS Interservice





## Colourless protection for an art school

The Toni-Areal, once a dairy plant, has been home to the campus of the Zurich University of the Arts since 2014.



ProtectGuard® SC is non-film forming and invisible. The mineral aspect of the concrete is totally preserved.

This complex designed by the EM2N architectural firm has an open structure, accessible from all sides and through several entrances.

Within the lower and upper parts of the building, interconnection is required: all parts of the building are connected and in relation to each other.

To protect the rough concrete walls, the architect opted for ProtectGuard® SC, a water and oil repellent stain that is completely imprinted and invisible after application.

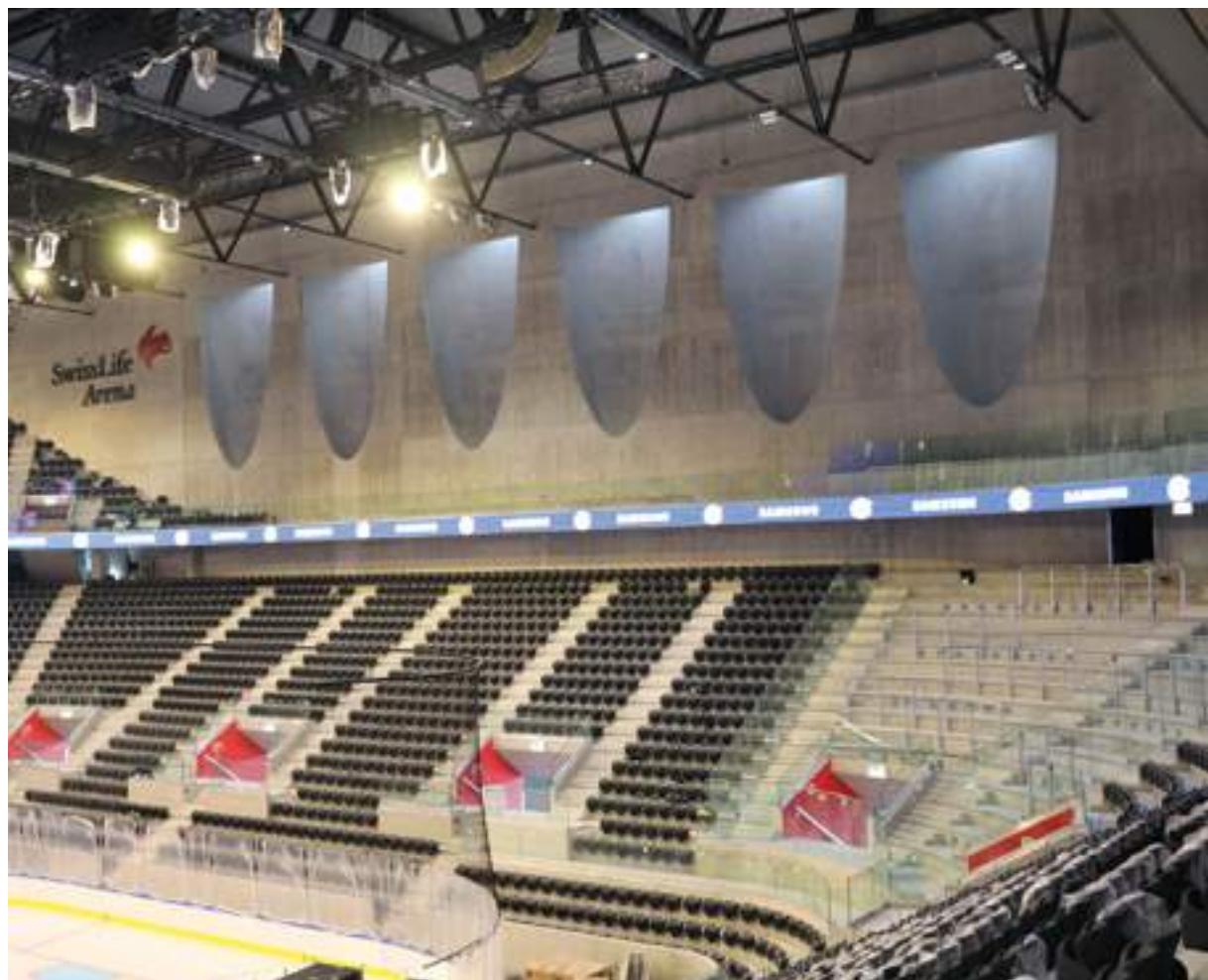
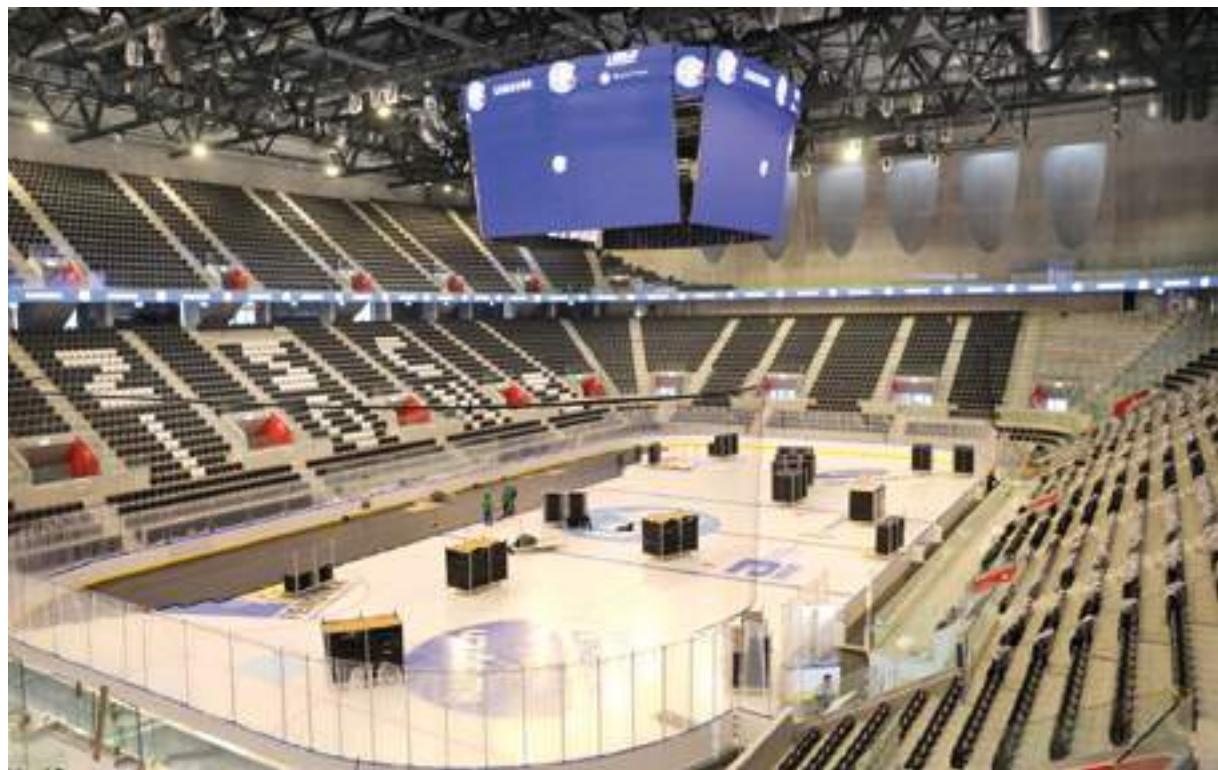
- Project: University of the Arts, Zurich (Switzerland)
- Architect: EM2N
- Material: Concrete
- Product used: ProtectGuard® SC
- Application: PSS Interservice





- Project: Housing, Sternenried (Switzerland)
- Material: Brick
- Product used: ProtectGuard® SC
- Application: PSS Interservice





- Project: Swisslife arena, Zurich (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® SC
- Application: PSS Interservice





- Project: University, Nuremberg (Germany)
- Material: Pink sandstone
- Product used: ProtectGuard® SC
- Application: PSS Interservice





- Project: Housing, Lausanne (Switzerland)
- Material: Concrete
- Product used: ProtectGuard® SC
- Application: PSS Interservice



# Muriel Tissot, Taporo's CEO



«Beyond the great technical capabilities of their products, the Guard Industry team is incredibly reactive and constantly concerned with advising and innovating»

Muriel Tissot, Taporo's CEO

*«From the beginning of our activity we have worked with Guard Industry, a company that offers a very complete range of protection/ enhancement products for the ultra high performance fibre-reinforced concrete that we transform.*

*The cementitious nature of UHPC requires perfect knowledge of the behaviour of this material in the face of the various stresses to which it can be subjected at all stages of production and installation of prefabricated structures. That's where Guard Industry comes in.*

*Beyond the great technical capabilities of their products, both in terms of surface protection (water repellent, anti-graffiti, stripper) and specific finishes (wet effect, matt effect, mirror effect, stain), the Guard Industry team is incredibly reactive and constantly concerned with advising and innovating.*

*This double performance is rare enough to be highlighted.*

*We have used all of the products marketed by Guard Industry and have always been impressed by the finish, appearance and durability of each of the treatments applied to our UHPC elements.*

*In addition, Guard Industry has a large number of applicators, either in-house or approved, who can intervene on-site, once the installation is completed, when production conditions do not allow treatments to be applied during prefabrication (short deadlines, complex application etc.).*

*The wide range of products and the efficiency of services offered by Guard Industry make it a partner of choice for our demanding business.»*





© Erick Sallat

## White moucharaby for offices

Designed by architect Pierre Minassian, the extension of Cepovett's head office plays the modernity card with a white mesh that gives the building privacy and protection from the sun's rays.

The architecture of the building is based on a mixed steel and white concrete structure, the first floor of which is clad with a white Ductal® mesh.

This mesh offers a double façade allowing for maintenance of large windows and plays the role of contemporary Moucharaby while protecting the floor from the sun's rays.

Ductal® mesh is made up of 35 panels in 3 different models produced by Taporo.

To protect the UHPC, Taporo applied ProtectGuard® Express clear concrete stain.



- Project: Cepovett head office, Gleizé (France)
- Architect: Agence AUM Pierre Minassian
- Material: Ductal®
- Product used: ProtectGuard® Express
- Precast concrete company: Taporo

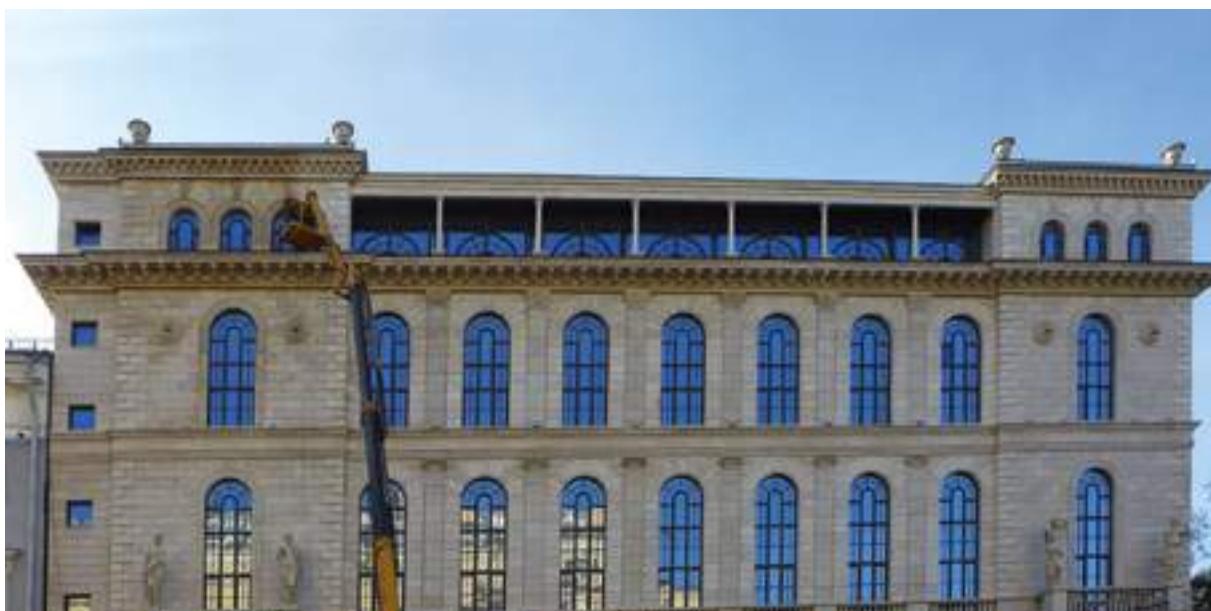


- Project: University, Moscow (Russia)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Bouyguesstroï





- Project: One trinity place, Saint Petersburg (Russia)
- Architect: Squire & Partners
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Ant Yapı Sanayi ve Ticaret Anonim Sirketi



- Project: Gazpromexport head office, Saint Petersburg (Russia)
- Material: Natural stone
- Product used: ProtectGuard®
- Application: Megapolis service





## Futuristic science and technology park

Located in a region with a demanding climate, this iconic project embodies the vision of a «technology park» in the heart of Beijing.

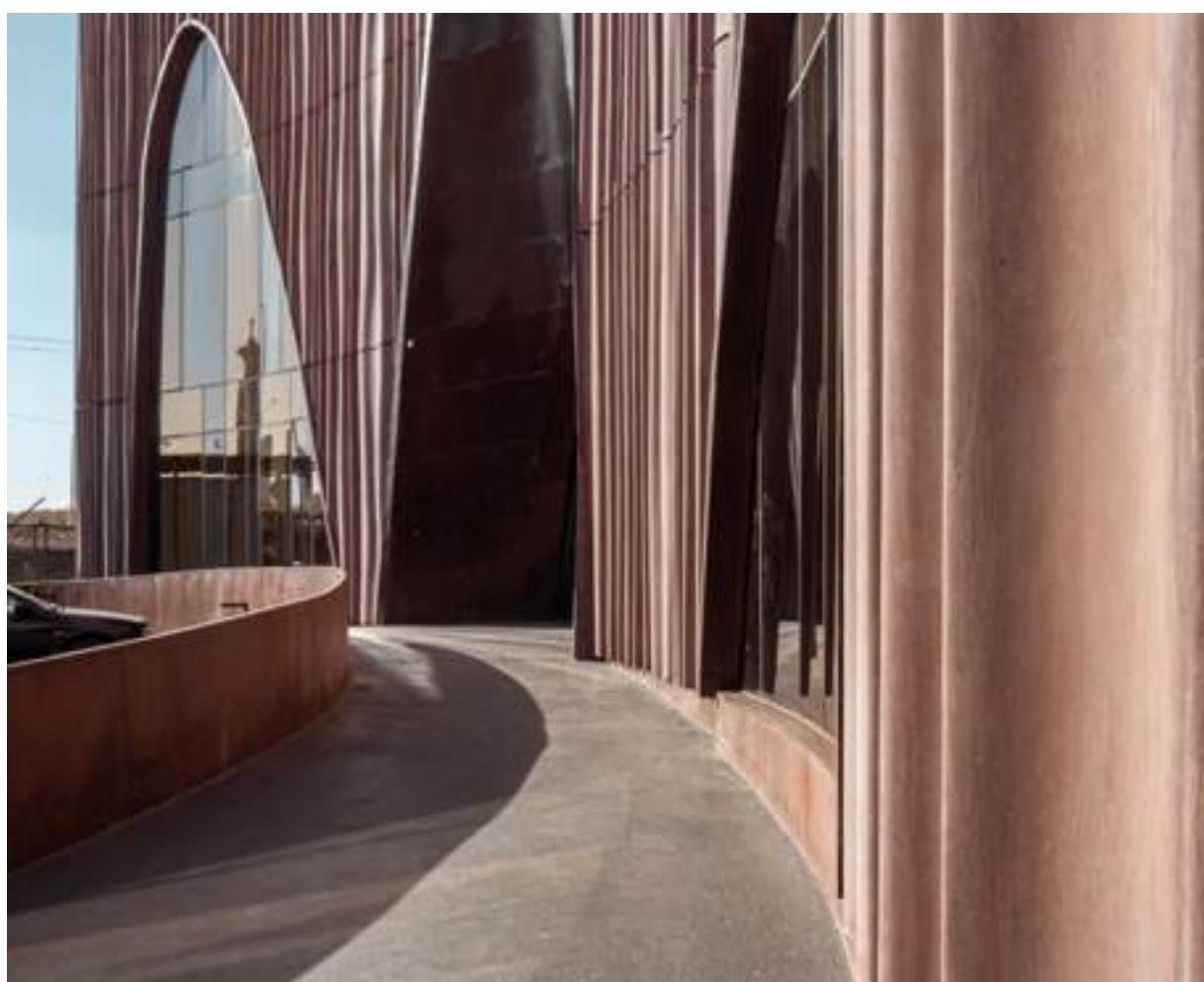
To meet the highest standards of sustainability and aesthetics, its steel structure and façade combining glass and BFUHP have earned it dual environmental certification: the Beijing Green Label's Three Stars and LEED Gold certification.

Treated with Guard Industrie products, the BFUHP panels benefit from long-lasting protection against water and stains, preserving the appearance and performance of the façade against external aggressions.

This approach is an effective, sustainable and eco-responsible solution that is perfectly aligned with the project's ambitions.

- Project: Dongsheng Science and Technology Park, Beijing (China)
- Architect: Beijing Institute of Architectural Design (AMA)
- Material: UHPC
- Product used: ProtectGuard SC and ProtectGuard® Plant-Based Formula





- Project: The Veil Hotel, Astana (Kazakhstan)
- Architect: Archea Assotiat
- Material: GRC
- Product used: ProtectGuard® SC
- Precast concrete company: Salben Group
- Application: Guard Clean





- Project: Ray Residence, Astana (Kazakhstan)
- Architect: Robert A.M. Stern
- Material: GRC
- Product used: ProtectGuard® SC
- Precast concrete company: Salben Group
- Main contractor: BI Group



- Project: New Parliament Building, Delhi (India)
- Architect: HCP
- Material: Dholpur Stone
- Product used: ProtectGuard®
- Main contractor: Tata Projects





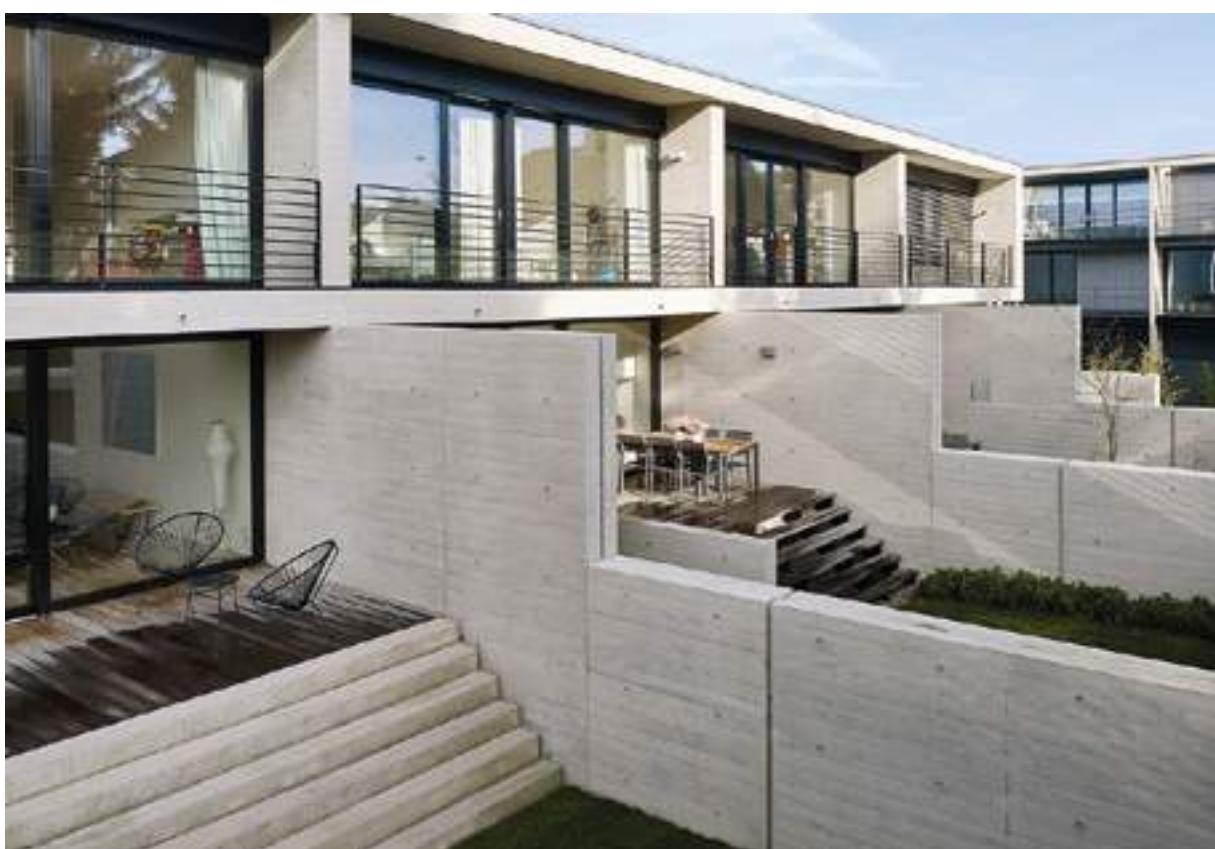
- Project: The Spiral tower, New York (USA)
- Architect: BIG Architectes
- Material: Concrete
- Product used: ProtectGuard® Express
- Precast concrete company: Zanette





- Project: Water tower, Dippach (Luxembourg)
- Architect: Paul Bretz
- Material: Concrete
- Product used: ProtectGuard® CE





© Lukas Roth

- Project: Housing, Bridel (Luxembourg)
- Architect: Paul Bretz
- Material: Concrete
- Product used: ProtectGuard®







• Project: Warner Bros Hotel, Abu Dhabi (UAE)  
• Architect: Godwin Austen Johnson (GAJ)  
• Material: GRC  
• Product used: ProtectGuard® CE  
• Main contractor: Shapoorji Pallonji International  
• Precast concrete company: Abu Dhabi Precast



## Natural protection for the Zayed National Museum

The museum, designed by Foster & Partners, opened its doors in 2025. This remarkable project captivates visitors with its unique architecture, inspired by the wings of a falcon, a powerful symbol of Emirati culture.

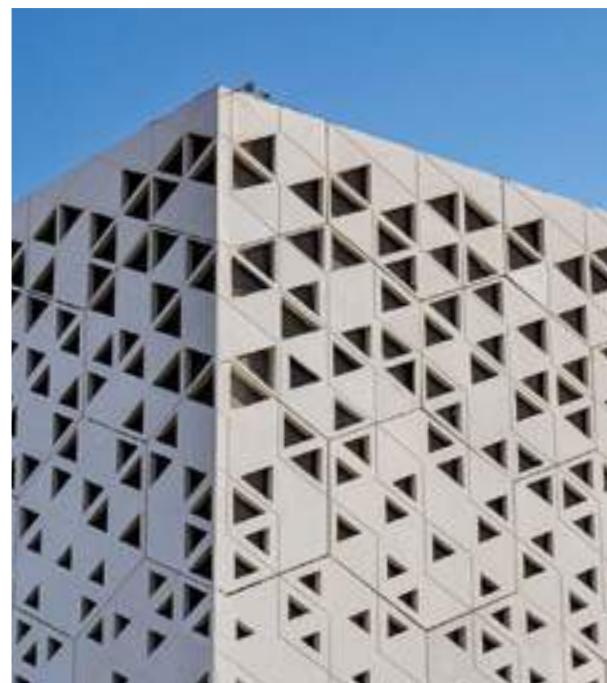
This museum, located on Saadiyat Island in Abu Dhabi, is an architectural and cultural tribute to Sheikh Zayed bin Sultan Al Nahyan, founding father of the United Arab Emirates. Five slender metal wings of varying heights emerge from the main building like a symbolic flight of a falcon.

The museum's architecture blends modernity, tradition, and sustainability. The materials used (concrete, steel, and glass) were selected for their ability to withstand extreme weather conditions while enhancing the local identity.

To preserve and protect the building's GRC envelope, the choice of ProtectGuard® CE, which is completely invisible and non-film-forming, makes perfect sense here, providing long-lasting protection while respecting the natural appearance of the building.

- Project: Zayed National Museum, Abu Dhabi (UAE)
- Architect: Foster and Partners
- Material: GRC
- Product used: ProtectGuard® CE
- Main contractor: Besix & Trojan General Contracting
- Precast concrete company: Abu Dhabi Precast and Fibrex





- Project: Marina Mall, Abu Dhabi (UAE)
- Architect: WSP
- Material: GRC
- Product used: ProtectGuard® CE
- Main contractor: Tornado Contracting
- Precast concrete company: Abu Dhabi Precast





Our specification department assists you in designing your project from the choice of the product to its implementation.

# Together, let's make your project a reality !

Your project is unique and has special requirements. To meet the specific requirements of your major projects, our teams will support you from the choice of products to their implementation.

According to your needs, we offer you the solutions best suited to your materials and customise our products by playing on colour (standard, custom, matching), opacity and finish.

To assist you in your prescription work, we also provide you with the necessary technical and regulatory information as well as typical descriptions.

## Contact our specification department

Do you have a project?

Do you have a question?

Contact our teams :

Tel: +33 (0)1 55 86 17 60

Mail: [info@guardindustrie.com](mailto:info@guardindustrie.com)



**PROTECTGUARD® COLOR**

Water and oil repellent  
concrete stain.

Colored

- Biosourced mineral concrete stain
- 126 standard shades, custom-made shades
- Protects against water and stains
- Non film-forming, respects minerality
- LEED certified and VOC rating: A+

**SPECIFICATION TEXT**

The product should be a coloured stain that is water-repellent, oil-repellent and stain-resistant. It should be formulated with 53% plant-derived acrylic resin in aqueous phase with UV-stable mineral pigments. It should allow the substrate to breathe up to 90%.

The product should be LEED certified with low VOC content and classified A+ for VOC emissions (ISO 16000 standard).

The product must have a 25-year colour guarantee and a 10-year Axa contractual guarantee of good performance.

Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart or other colour charts.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application with HVLP or roller in 2 cross-coats minimum.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water, oil and stain resistance test (DVI).
- UV test (DVI).
- Water and vapour permeability test (DVI).
- VOC emissions / LEED compliance (Eurofins).
- Biodegradability and biobased content test (Eurofins).
- Tested and certified according to ASTM E84 with a class A result (Thomas Bell-Wright).

## PROTECTGUARD® COLOR

### High Jewellery



Water and oil repellent  
concrete stain.  
Colored

- Biosourced mineral concrete stain
- 30 standard shades, custom-made shades
- Protects against water and stains
- Non film-forming, respects minerality
- LEED certified and VOC rating: A+

#### SPECIFICATION TEXT

The product should be a coloured stain that is water-repellent, oil-repellent and stain-resistant. It should be formulated with 53% plant-derived acrylic resin in aqueous phase with UV-stable mineral pigments. It should allow the substrate to breathe up to 90%.

The product should be LEED certified with low VOC content and classified A+ for VOC emissions (ISO 16000 standard).

The product must have a 25-year colour guarantee and a 10-year Axa contractual guarantee of good performance.

Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart or other colour charts.

#### APPLICATION

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

##### Substrate preparation :

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

##### Application with HVLP or roller in 2 cross-coats minimum.

For further information, please refer to the technical data sheet and/or technical specifications.

#### AVAILABLE TESTS

- Water, oil and stain resistance test (DVI).
- UV test (DVI).
- Water and vapour permeability test (DVI).
- VOC emissions / LEED compliance (Eurofins).
- Biodegradability and biobased content test (Eurofins).
- Tested and certified according to ASTM E84 with a class A result (Thomas Bell-Wright).

## PROTECTGUARD® COLOR

### Anti-Graffiti

- Mineral concrete stain
- 126 standard shades, custom-made shades
- Protects against water, stains and graffiti
- Breathable, respects minerality

Water, oil repellent and anti-graffitis two components concrete stain.

Colored

#### SPECIFICATION TEXT

The product should be a coloured stain that is water-repellent, oil-repellent and anti-graffiti. It should be formulated from a two-component polyurethane in aqueous phase with UV-stable mineral pigments. It should allow the substrate to breathe up to 90%.

The use of this product will require the prior application of a colourless primer such as Primer Guard® or a coloured primer such as Primer Guard® Opacifier, in accordance with the manufacturer's recommendations.

The product must have a 25-year colour guarantee and a 10-year Axa contractual guarantee of good performance.

Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart or other colour charts.

#### APPLICATION

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

##### Substrate preparation :

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

##### Application with HVLP or roller in 2 cross-coats minimum.

For further information, please refer to the technical data sheet and/or technical specifications.

#### TESTS

- Water-repellency (LRVision).
- Oil resistance (LRVision).
- Abrasion resistance (LRVision).
- UV resistance (LRVision).
- Water absorption (LRVision).
- Fire test (Crepim).

## IMPERGUARD® COLOR Silicate Stain

Water repellent silicate  
concrete stain.  
Colored

- Semi-transparent mineral concrete stain
- Impregnation system with customised opacity
- 126 standard shades
- Protects against water
- Non film-forming, respects minerality
- VOC rating: A+

### SPECIFICATION TEXT

The product should be a coloured silicate stain that is water-repellent. It should be formulated with silicates, colloidal silica and acrylic copolymer with UV-stable mineral pigments. It should allow the substrate to breathe up to 90%.

The product should be LEED certified with low VOC content and classified A+ for VOC emissions (ISO 16000 standard).

The product must have a 25-year colour guarantee.

Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart or other colour charts.

### APPLICATION

Implementation according to the manufacturer's recommendations and technical information sheet.

#### Substrate preparation :

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Apply with HVLP, Airmix, brush or roller in at least two cross coats.**

For further information, please refer to the technical data sheet and/or technical specifications.

### AVAILABLE TESTS

- Water resistance test (DVI).
- Water and vapour permeability test (DVI).
- Adhesion test to according ISO2409 (DVI).
- UV test (DVI).
- Biodegradability test (SGS).

## IMPERGUARD® COLOR Mineral Stain

Water repellent  
concrete stain.  
Colored

- Opaque mineral concrete stain
- 126 standard shades
- Protects against water
- Non film-forming, respects minerality

### SPECIFICATION TEXT

The product should be a coloured stain that is water-repellent. It should be formulated with acrylic resin with UV-stable mineral pigments. It should allow the substrate to breathe up to 90%. It should be formulated with little or no VOCs. The product must have a 25-year colour guarantee. Opacity and colours to be validated by the architect, according to the manufacturer's standard colour chart or other colour charts.

### APPLICATION

Implementation according to the manufacturer's recommendations and technical information sheet.

#### Substrate preparation :

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Apply with HVLP, Airmix, brush or roller in at least two cross coats.**

For further information, please refer to the technical data sheet and/or technical specifications.

### AVAILABLE TESTS

- Water resistance test (DVI).
- Water and vapour permeability test (DVI).
- Adhesion test to according ISO2409 (DVI).
- UV test (DVI).
- Biodegradability test (SGS).

**PROTECTGUARD®**

- Protects against water, stains and graffiti
- Non film-forming, respects minerality
- Clear finish
- LEED certified and VOC rating: A+

Water, oil-repellent and anti-graffiti protection for stone.

Transparent

**SPECIFICATION TEXT**

The product should be a transparent sealer that is water-repellent, stains-repellent and anti-graffiti. It should be formulated with acrylic resin. It should allow the substrate to breathe up to 90%. The product must have semi-permanent anti-graffiti properties and withstand 5 graffiti removals.

It contains no or very low VOC, it is LEED certified and A+ for VOC emissions at 28 days as per the ISO 16000 standard. It shall be food safe tested by a laboratory such as LNE.

The product must have a 10-year Axa contractual guarantee of good performance.

It shall leave the surface breathing at more than 90%, and it shall be fully biodegradable according to the standard OCDE 302 B. The product must have been tested by a historic monuments institute and successfully applied to several historic monuments.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application to saturation in 1 to 2 layers with a sprayer, brush or roller.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water-repellency (CEBTP).
- Water absorption (Historical Monuments Laboratory).
- Water-repellency, stain resistance, graffiti resistance, slipperiness test, capillary absorption, durability (LRVision).
- VOC emissions / LEED certification (Eurofins).
- Food safety test (LNE).
- Chloride resistance (LMDC).

**PROTECTGUARD® SC**

- Protects against water, stains and graffiti
- Non film-forming, respects minerality
- Clear finish
- LEED certified and VOC rating: A+

Water, oil-repellent and anti-graffiti protection for concrete.

Transparent

**SPECIFICATION TEXT**

The product should be a transparent sealer that is water-repellent, stains-repellent and anti-graffiti. It should be formulated with acrylic resin. It should allow the substrate to breathe up to 90%. The product must have semi-permanent anti-graffiti properties and withstand 5 graffiti removals.

It contains no or very low VOC, it is LEED certified and A+ for VOC emissions at 28 days as per the ISO 16000 standard. It shall be food safe tested by a laboratory such as LNE.

The product must have a 10-year Axa contractual guarantee of good performance.

It shall leave the surface breathing at more than 90%, and it shall be fully biodegradable according to the standard OCDE 302 B.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application to saturation in 1 layer with a sprayer, brush or roller.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water-repellency, stain resistance, graffiti resistance, slipperiness test, capillary absorption, durability (LRVision).
- VOC emissions / LEED certification (Eurofins).
- Food safety test (LNE)
- Fire test (BTTG).

**PROTECTGUARD® CE**

- Protects against water, stains and graffiti
- Protects against chlorides and carbonation
- Non film-forming, respects minerality
- Clear finish
- LEED certified and VOC rating: A+

Water, oil-repellent and anti-graffiti protection.

Meets standard EN 1504-2:2004

Transparent

**SPECIFICATION TEXT**

The product should be a transparent sealer that is water-repellent, stains-repellent and anti-graffiti. It should be formulated with 54% plant-derived acrylic polymers and alkyl acoxysilane. The product must have semi-permanent anti-graffiti properties and withstand 5 graffiti removals.

The product shall comply with the standard EN 1504-2:2004 - CE marking which has been stated by an independent laboratory such as Lucideon. It shall leave the surface breathing at more than 90%, and it shall be fully biodegradable according to the standard OCDE 302 B.

It must be formulated with little or no VOCs, be LEED certified and classified A+ for VOC emissions (ISO 16000 standard).

It must have a 10-year Axa performance guarantee.

The product shall also have been tested positively with ASTM standards ASTM C642 and ASTM E96 and a historical monuments laboratory.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application to saturation in 1 to 2 layers with a low-pressure sprayer with a Viton joint, an airless sprayer, a roller or a brush.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water absorption, resistance to alkali, depth of penetration and loss of mass after freezethaw salt stress (Lucideon).
- Water absorption (Historical Monuments Research Laboratory).
- Water and permeability test (CEBTP).
- UV resistance (DVI).
- Stain resistance (DVI).
- VOC emissions (Eurofins).
- Bio-based content test (Eurofins).
- CE marking - standard 1504-2 (LRVision).
- Fire test (PAVUS).
- Impact on water transport (SIMCO)

**PROTECTGUARD® WL**

- Protects against water and stains
- Abrasion resistant
- Breathable, respects minerality
- Flat finish

Water and oil-repellent  
stain for concrete.

Colourless

**DESCRIPTIF TYPE**

The product should be a colourless sealer that is water-repellent and stains-repellent. It should be formulated with acrylic resin. It should allow the substrate to breathe up to 90%.

The product must have a 10-year Axa contractual guarantee of good performance.

The product shall have been tested by a laboratory such as LRVision and proven exceptional anti-stain performances.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application in 2 layers with an applicator, an HVLP spray gun or an air assisted gun.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water-repellency, stain resistance, graffiti resistance, slipperiness test, capillary absorption, durability (LRVision).

**PROTECTGUARD® EXPRESS**

- Specially adapted for alkaline materials
- Protects against water and stains
- Limits efflorescences
- Sacrificial antograffiti layer
- Non film-forming, respects minerality
- Clear finish

Water, oil-repellent and anti-graffitis protection for fresh or young concrete.

Colourless

**SPECIFICATION TEXT**

The product should be a colourless sealer that is water-repellent, stains-repellent and sacrificial anti-graffitis. It should be formulated dedicated to the protection of young and alkaline porous concrete (less than 28 days and ph > 9) with acrylic resin. It should allow the substrate to breathe up to 90%.

The product should be applied 24 hours after the concrete is poured on site or even as soon as fabricated elements are removed from the mould. The product must have a 10-year Axa contractual guarantee of good performance.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 10-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application in 1 layer with a HVLP type spray gun or a brush.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Stain resistance, graffiti resistance, UV ageing, natural ageing, slipperiness test, capillary absorption, durability (LRVision).

**IMPERGUARD® EXPRESS**

- Specially adapted for alkaline materials
- Protects against water
- Limits efflorescences
- Non film-forming, respects minerality
- Clear finish

Water-repellent protection  
for fresh or young concrete.

Colourless

**SPECIFICATION TEXT**

The product should be a colourless sealer that is water-repellent, stains-repellent and sacrificial anti-graffiti. It should be formulated dedicated to the protection of young and alkaline porous concrete (less than 28 days and pH > 9) with silane, siloxane, and acrylic resins. It should allow the substrate to breathe up to 90%.

The product should be applied 24 hours after the concrete is poured on site or even as soon as fabricated elements are removed from the mould.

The product must have a 5-year Axa contractual guarantee of good performance.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 5-year Axa contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application in 2 layers with a low-pressure sprayer or a roller.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water absorption & permeability (CEBTP).
- Food safety test (LNE).

**ANTIGRAFFITI GUARD®**

- Protects against water, stains and graffiti
- Abrasion resistant
- Breathable, respects minerality
- Satin or glossy finish

Protection bi-composante  
hydrofuge, oléofuge  
et anti-graffitis.

Incolore

**SPECIFICATION TEXT**

The product should be a colourless sealer that is water-repellent, oil-repellent and anti-graffiti. It should be formulated from a two-component polyurethane in aqueous phase. It should allow the substrate to breathe up to 90%.

The use of this product will require the prior application of a colourless primer such as Primer Guard® or a coloured primer such as Primer Guard® Opacifier, in accordance with the manufacturer's recommendations.

The product must have a 5-year Axa contractual guarantee of good performance.

**APPLICATION**

Implementation according to the manufacturer's recommendations and technical information sheet. Work carried out by a trained and approved company will benefit from a 5-year AXA contractual guarantee of good performance.

**Substrate preparation :**

- The conditions of application and preparation of substrates comply with DTU 59.1.
- Removal of efflorescence and cement residue with Guard Cleaner® Surface Preparation or equivalent.
- Removal of greasy stains and residues of form oil with Guard Cleaner® Maintenance or equivalent.

**Application with HVLP or roller in 2 cross-coats minimum.**

For further information, please refer to the technical data sheet and/or technical specifications.

**AVAILABLE TESTS**

- Water-repellency (LRVision).
- Oil resistance (LRVision).
- Abrasion resistance (LRVision).
- UV resistance (LRVision).
- Water absorption (LRVision).
- Fire test (Crepim).



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