

WonderfulVinyl



The European Council
of Vinyl Manufacturers

PVC in architecture
and design



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THE VINYLPLUS® PRODUCT LABEL

A STEADILY GROWING RECOGNITION FOR PUBLIC AND PRIVATE PROCUREMENT

**RECOGNISED AS THE SUSTAINABILITY SCHEME
DEDICATED TO PLASTICS IN BREEAM® AND HQM**



In 2021, the VinylPlus® Product Label was recognised as the very first Responsible Sourcing Certification Scheme (RSCS) dedicated to plastic building and construction products in both BREEAM® and Home Quality Mark (HQM) owned by the Building Research Establishment (BRE).

Selecting Vinyl Verified® products allows the owners of BREEAM-certified buildings and HQM-certified homes to achieve higher scores leading to higher property values. The VinylPlus® Product Label has become the tool to guide public

and private buyers to select and buy the most sustainable and high-performance PVC products for the building and construction sector.

And its public recognitions don't stop here.

RECOGNITION AS A LABEL FOR SUSTAINABLE PRODUCTS AND SERVICES



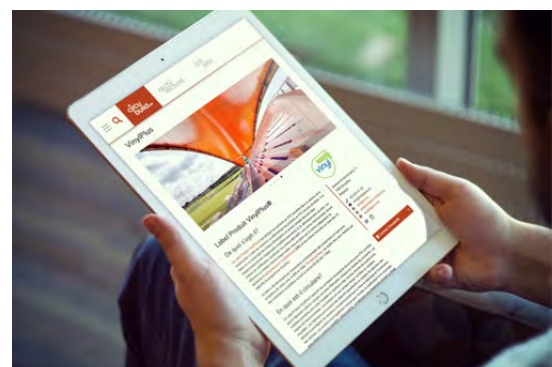
VinylPlus:
VinylPlus®
Product
Label



PEFC Belgium:
Sustainability label
for wood and paper
products

The VinylPlus® Product Label has been recognised by circu build.be as a label to promote circular building, alongside the PEFC label and other

well-known sustainability labels. Circubuild is the Belgian website referencing best practices for circular building.



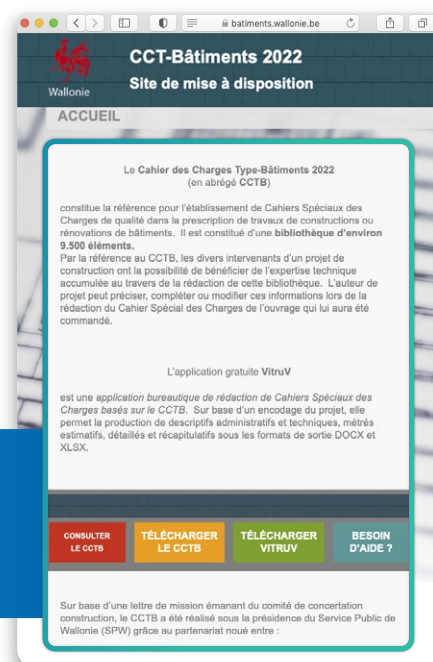
REFERENCED AS A CERTIFICATION SCHEME FOR RESPONSIBLY SOURCED PLASTIC B&C PRODUCTS

Since 2014, the Belgian Walloon administration and the construction sector have developed a suite of e-tools to help the Walloon public and private building specifiers to draft specifications for sustainable buildings and renovations, called

the Cahier des Charges Type-Bâtiments 2022 (CCTB2022).

As of 2022, the use of the CCTB2022 is compulsory for any public project run in the Walloon region, the Wallonia-Brussels Federation and the Walloon Social Housing Society.

The VinylPlus® Product Label is taken as **reference in new minimum prescriptions** for responsibly sourced plastic Building and Construction products. As from the next edition of the CCTB launched in October 2022, specifiers can request Vinyl Verified® PVC window and door profiles using a sentence template.



THE VINYLPLUS FAMILY OF CERTIFICATIONS EXPANDS: VINYLPLUS® SUPPLIER CERTIFICATES

The VinylPlus 2030 Commitment aims at extending the scope of sustainability certification schemes to the suppliers of PVC additives and compounds.

**VinylPlus®
Supplier
Certificates**

With this objective in mind, we have established the VinylPlus® Supplier Certificates, addressed to PVC additives suppliers (stabilisers, plasticisers, fillers, and pigments) and compounders.

Building on the success of the VinylPlus® Product Label for converters, the VinylPlus® Supplier Certificates will help customers meet the demand for transparency on sustainable production.

The Certificates aim at empowering the consumers to make informed choices about the additives and compounds that they buy, while enabling converters to differentiate between raw materials based on their environmental, social and energy credentials.

Similarly to the VinylPlus® Product Label, the criteria schemes of the VSCs include compulsory and non compulsory criteria that measure concrete actions performed on various areas and topics.

A diverse range of sustainability topics aligned with the holistic sustainability approach of VinylPlus are addressed.



Find out more about the VinylPlus® Product Label and the VinylPlus® Supplier Certificates at:

productlabel.vinylplus.eu



MON PARNASSE FLOWER SHOP

TECHNICAL INFO

PVC
Ceiling and
Flooring

ARCHITECTS

Canobardin,
Madrid, Spain
canobardin.es

LOCATION

Madrid,
Spain



Mon Parnasse is a new concept of florists, where flowers are available to everyone.

An outdoor flower market, a vertical flower garden where people pass by and easily pick the flowers. A sample book where the furniture disappears to give prominence to the flowers and plants. The finish of the façade, a painted pine plywood frame composing a façade in the Parisian style. A long vertical awning protects and shelters the passage: a large horizontal dividing line marks the sky with a large PVC composition on the ceiling, and translucent fabric on the walls.

The garden, with a geometric plant, is made up of a series of modules made of phenolic compact, that forms the garden hedges. In them a system of shelves, bars and potholders are hung and supported to provide



a diverse display of pots, vases, and plants. The indirect lighting, obtained through warm led gutters and backlit furniture, gives a feeling of an external setting.



The entire garden is thought to be transformed, as it happens in nature, where the environment grows, evolves, and is always on the move.

PICTURE CREDITS

Imagen Subliminal
Miguel de Guzmán and Rocío Romero

WELLNESS SKY



TECHNICAL INFO

PVC
Ceiling

ARCHITECTS

4of7, Belgrade, Serbia
4ofseven.com

LOCATION

Belgrade,
Serbia

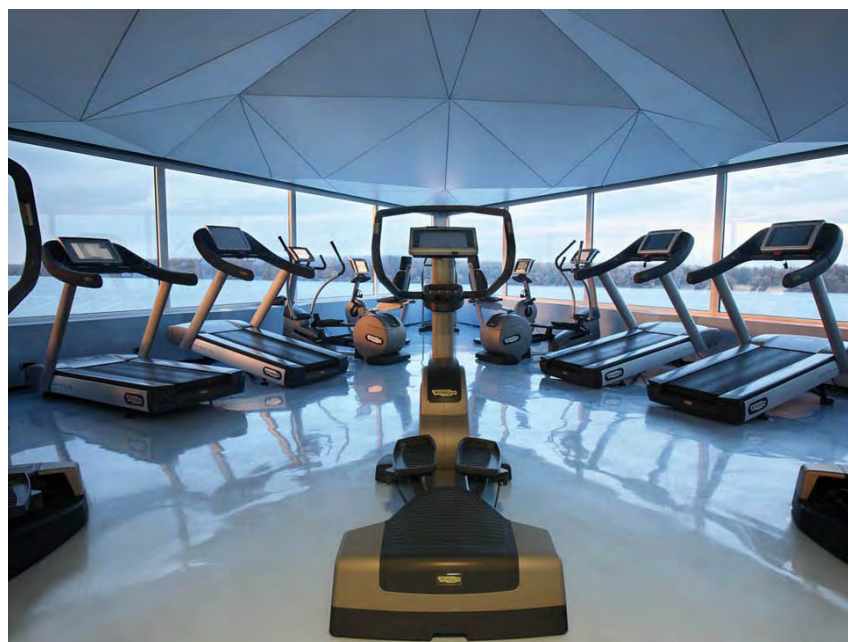


The building named 'Danube Flower', built around thirty-five years ago, has become a landmark on the Belgrade waterfront. It used to house an exclusive restaurant, part of a large recreational center accessible to the public. It was a famed hangout spot until its decay in the nineties and its final closure shortly later. For about fifteen years, the building was not in operation and progressively deteriorated considerably.



PICTURE CREDITS

4of7



The building is iconic mostly for its synthesis between architectural and structural reasoning. The main volume of the building, with a triangular plan, is located fifteen meters above the river and the ground level. It is supported solely by the central core, which contains two elevator shafts and a double spiral staircase. 12 meters tall cantilevers give a levitating feel to the building. In addition, one more structural move is crucial for a seamless interaction between exterior and interior of the building. The concrete floor-slab and the

ceiling shell are not connected at the perimeter of the building, allowing for the continuity of the glass façade to the full extent. An uninterrupted glass strip, 150 meters long in total, runs around the building to remind of constant presence of the Danube River, with sweeping views reaching far out.

The Sky Wellness concept suggests a place so light and spacious that, on their arrival, visitors get the impression of entering a cloud. A semi translucent PVC stretched ceiling complete the effect.

CLOUD DCS CENTRE



TECHNICAL INFO

PVC
Ceiling

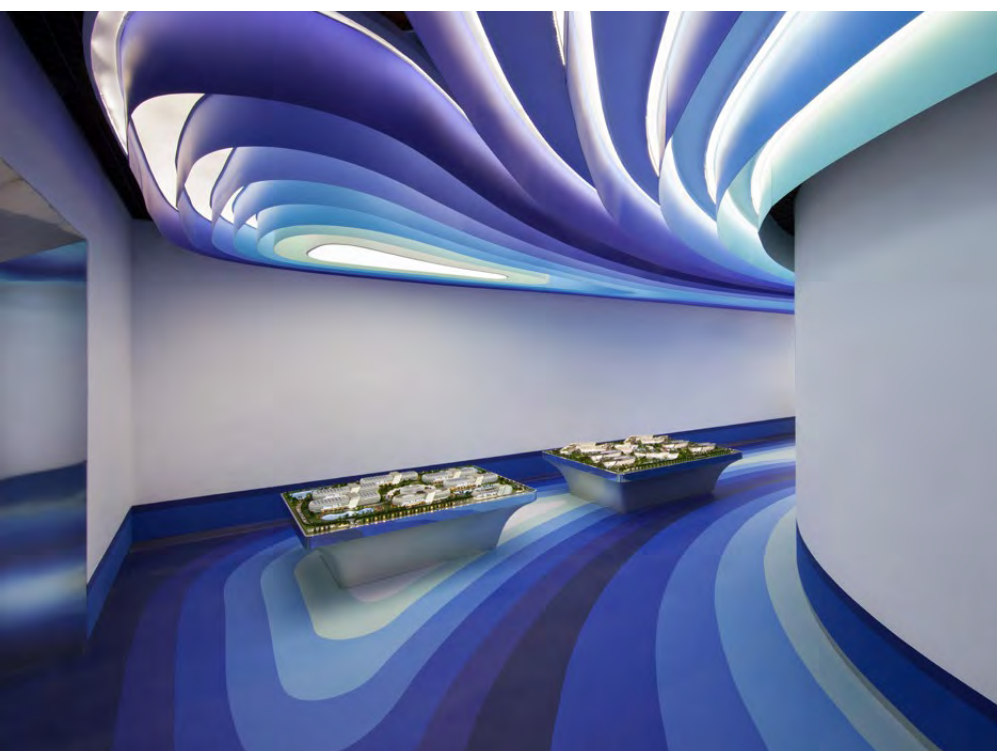
ARCHITECTS

Arboit, Hong Kong,
China
hkdesigncentre.org

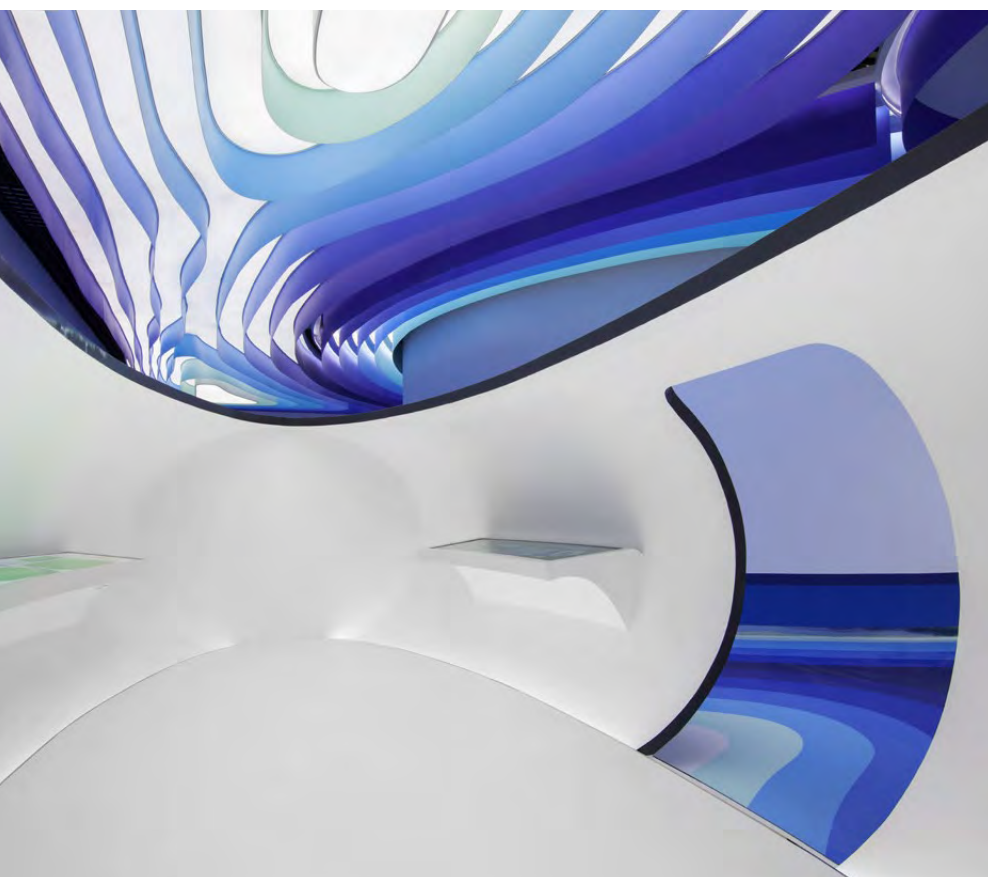
LOCATION

Nansha,
China

Digital industry is wildly expanding in China. Italian architect Alberto Puchetti, director of design company Arboit, designed a company headquarter in an existing 20.000 sqm industrial building. The project includes offices, rooms for thousands of servers' racks, areas to meet clients, and multimedia show rooms illustrating the internet culture and history. Due to its abstract nature, internet services rarely got to have a proper brand image. The purpose of this project is also to translate into a figurative language the reality of internet as a pillar agent of change in our life and society.



The concept of "flying through the sky" emerges as a figurative image to transmit the idea of digital highway as a stream of data crossing the skies to serve our lives. Fluidity and dynamism are expressed by a 30-meter-long ceiling sculpture, representing digital communications across space. The sculpture highlights the immaterial and yet powerful nature of internet communications. This ceiling feature is made of metal profiles painted in seven gradients of blue, covered by a PVC stretch fabric illuminated by neon lights. The artwork installed on the ceiling is reflected on the floor as a gigantic painting printed on the resin, creating the impression of walking on the sky. Interiors are primarily white, with some tones of blue: these colours define the brand identity also for the signage and the artworks.



All architecture pavilions, rooms and built-in furniture in this project are characterized by a common theme of movement and are shaped in aerodynamic curves: these rooms and installations seem to whirl and move along the coloured lines as if they were navigating across the skies of intelligence's digital highways.



PICTURE CREDITS
Dennis Lo

**TECHNICAL
INFO**
PVC
Membrane

ARCHITECTS

Beyer Architekten,
Rostock, Germany
beyerarchitekten.com

LOCATION

Dargun,
Germany

DARGUN MONASTERY



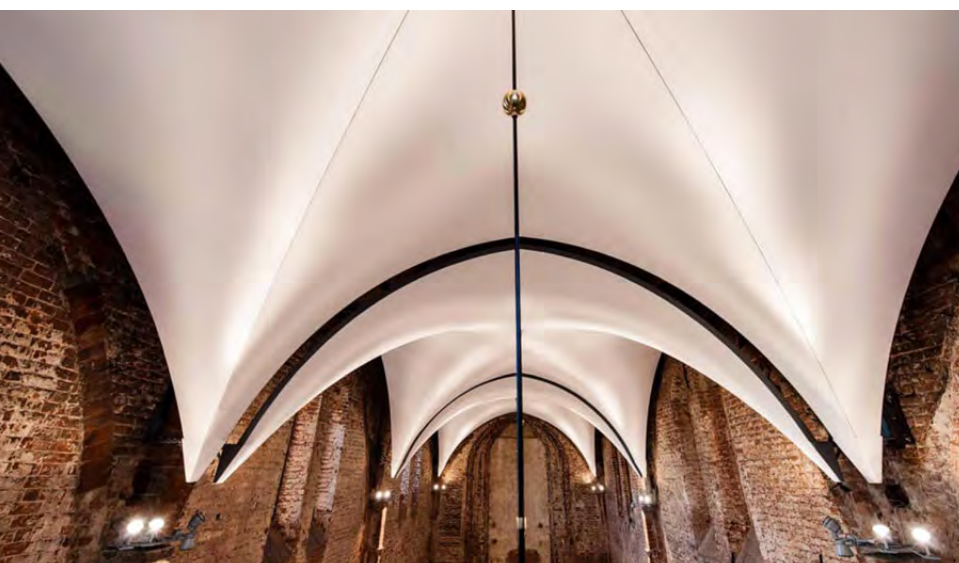
How do you bring a historical ruin from the 13th century back to life?

With an acoustic ceiling made of high-tech PVC fabric and modern lighting technology. They are the central elements for the spectacular transformation of the Dargun monastery church in Mecklenburg-Western Pomerania into a modern event space, where concerts, vernissages and congresses take place today. The monastery church's recipe for success is a holistic modernization concept where the renewal of acoustics and lighting go hand in hand.



The result is an ultra-modern room with traditional charm, which can host numerous events.

The installation of the originally Gothic vault, reproduced with acoustically highly effective textile material, changes the room proportions and optimizes the reverberation time.



For the new acoustic ceiling, the textile sails were stretched onto an aluminum construction. Each of the self-supporting sail elements is ten by ten meters. The construction of the ceiling, which is only fixed at points on the walls, is unique in Germany.

By staging the sails with the lighting, the church interior offers an inviting ambience at any time of the day.

PICTURE CREDITS

Beyer Architekten

MUSE MUSEUM



TECHNICAL INFO

PVC
Curtains

ARCHITECTS

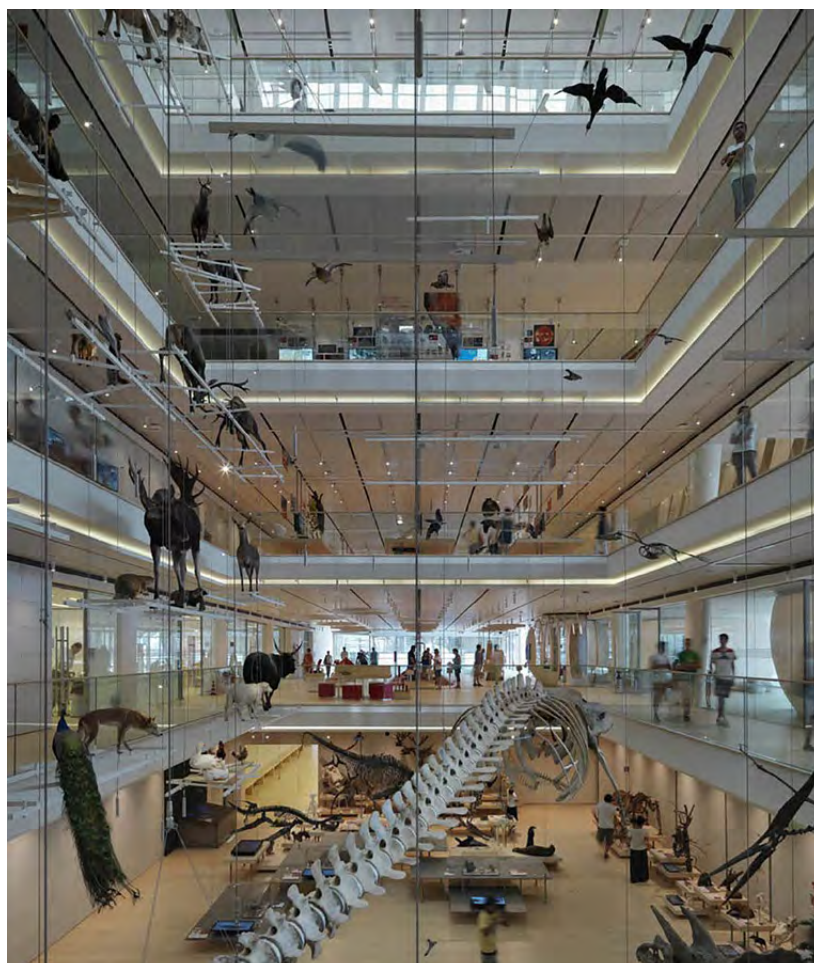
Renzo Piano Building
Workshop, Genoa, Italy
rpbw.com

LOCATION

Trento,
Italy

The project aims at giving value to the area where the museum is located, that extends from the railway lineup to the left bank of the River Adige, while respecting the specific features of its landscape and natural surroundings. Due to its extent and the amount of construction involved, the project is harmoniously inserted in its surrounding environment, and at the same time explores a number of available elements.

The designers conceived a centralized electrical power system which will improve the new district's resources and reduce its operating costs. Thanks to an innovative system of sliding curtains made with a PVC fabric, it is possible to manage solar lighting and ensure the correct optimisation of electricity consumption inside the building.



This concept gave rise to the idea of a single power station, located on the right shore of the river Adige, which will distribute and recover energy from each sector thanks to a main underground pipeline running along a north-south axis. This network will have a single delivery point in the basement of each building sector.

This system, comprised of a single centralized power station and various remote substations, will allow for the machinery and utilities to be concentrated locally, optimizing costs and ensuring a limited environmental impact. Furthermore, the system will be bolstered by each building's special energy-saving design, the layout and construction of which will guarantee the absolute highest standards in terms of insulation and heat loss.

PICTURE CREDITS

Shunji Ishida, Alessandro Gadotti, Enrico Cano, Stefano Goldberg, Paolo Pelanda



TECHNICAL INFO

PVC Textile
Façade

ARCHITECTS

Hofmann Keicher Ring,
Würzburg, Germany
hofmann-keicher-ring.de

LOCATION

Kleinheubach-Rüdenau,
Germany

PATIS- SERIE

WALTER

Pâtisserie Walter was founded in 1998 in a former bakery in the Miltenberg area and became one of the nationwide market leaders in the sweets sector in a short time. To meet the modern market requirements for hygiene and optimized work processes, a new building was necessary.

A simple geometric shape was chosen as the corpus of the building complex, to meet the requirements of low construction costs, high flexibility, internal functional sequence, and layout of the property.



PICTURE CREDITS

Schüco

The height was predetermined by a noise protection requirement, as this structure takes on the function of a previously existing noise protection wall.

The materials (wood, concrete, glass, metal) were selected after a detailed analysis of the respective installation location. Solar radiation, hygiene requirements and a feeling of comfort determine the necessary properties of the individual components (transparency, water resistance, heat transfer). This precise allocation of materials

enabled costs to be minimized. In addition, the use (administration and production) is clearly visible from the outside and gives a peculiar shape to the structure. This idea of optimization becomes a design feature.

With the PVC textile façade, the external appearance of the building can be adapted to changing requirements quickly and efficiently at any time, without limiting its function: an important step on the path to the transformative façade.

SCAT- TERED



TECHNICAL INFO

Inflatable
PVC
Globe

ARTIST

Steve Messam,
Middleton-in-Teesdale, UK
stevemessam.co.uk

LOCATION

Mellerstain,
Scotland, UK



Steve Messam is an environmental artist based in County Durham who has set his works mostly open-air, since over two decades. His temporary installations re-imagine everyday life, interrupting historical places and vacant architecture to enable new ways of seeing the familiar.

'Scattered' is a series of PVC spheres that appear to float like huge, opaque bubbles on the surface of a lake, offering new views and perspectives.



PICTURE CREDITS

Studio Pip



Between two and four metres in diameter, these pure white shapes disrupt the wide-open space of the water and play with its scale, surface, and light, giving a sense of depth and perspective. Combining historic features with bold, contemporary sculptural practice on a vast scale, Messam establishes a lively dialogue between past and present, adding an unexpected and temporary new dimension to familiar vistas and architecture. All white in colour, the works are a contemporary

echo of the marble sculptures that were originally envisaged to adorn Mellerstain's grounds. Though the two buildings within which the works sit might now appear like follies in a state of partial ruin, they did originally serve a purpose, although some mystery surrounds their precise use at certain times and it is not entirely certain what is apocryphal. Messam extends this uncertain history with new narratives, playing with their inherent sense of magic.



STADIUM MIRAMAS MÉTROPOLE

TECHNICAL INFO

PVC
Membrane

ARCHITECTS

Agence Chabanne,
Paris, France
agence-chabanne.fr

LOCATION

Marseille,
France





The Miramas Athletics Stadium is the largest covered athletics hall in France and one of the largest in Europe. It has a capacity of 5,500 spectators, that can be increased to 7,500 in the case of volleyball or basketball matches.

The venue is the latest addition to the Molières sporting complex, which comprises a stadium and an aquatics center. It was designed to host the world's most prominent competitions, team sport events and, thanks to the facility's great versatility, a variety of entertainment events.

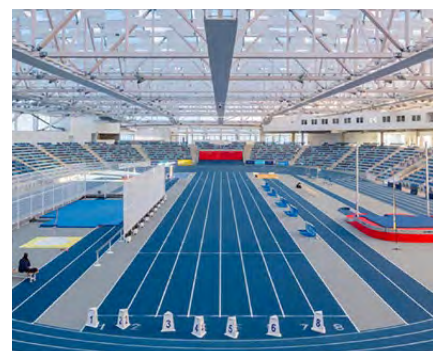
The arena is covered by a double membrane offering effective protection against bad weather and UVs. Unlike other solutions, it also provides diffused light, thus blocking sun glare and preventing shadows, making it the perfect option for competitive athletics events. This product also delivers excellent acoustic and thermal performance, guaranteeing optimal comfort for both athletes and the audience.

The main sport hall is 130 metres in length and 82 metres in width; a large space, both massive and high-ceilinged, whose most prominent element is its roof structure shaped from white PVC fabric.



Linked to the hall by a covered glass corridor, offering views onto sporting events held on both sides, the gymnasium holds competitions for team sports – basketball, handball, volleyball, etc. – and dynamic sports, in addition to serving as a training ground for athletes.

The kinetic and faceted architecture of the hall offers an attractive and contemporary image of athletics, imbued with dynamism, movement and vitality.



PICTURE CREDITS

Guillaume Guérin



GRAND CENTRAL SAINT- LAZARE STATION

TECHNICAL INFO

PVC
Ceiling

ARCHITECTS

Ferrier Marchetti Studio,
Paris, France
ferriermarchetti.studio

LOCATION

Paris,
France

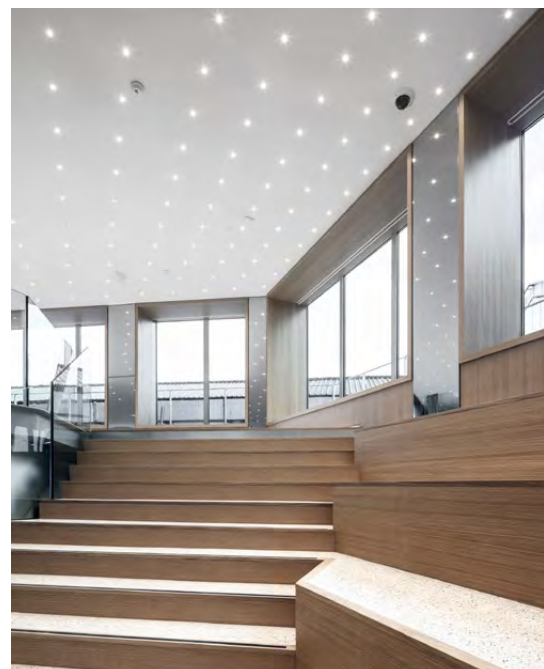
Ferrier Marchetti Studio has completed a mixed-use scheme adjacent to Saint-Lazare station, consisting of retail, restaurants, workspaces, an auditorium, hanging gardens, a rooftop terrace, and a public promenade.

Emerging from the heart of Paris' bustling metropolitan centre, Grand Central Saint-Lazare represents one of the most complex new projects built in central Paris over the last decade. In development since 2013 for The Carlyle Group, Grand Central Saint-Lazare is a flagship project for Paris-based practice Ferrier Marchetti Studio, situated beside one of the busiest urban infrastructure hubs in Europe. Drawing inspiration from Gare Saint-Lazare's extraordinary heritage as the first railway station in France, painted by Claude Monet, the project is designed to reshape the district's dense urban environment and reconnect visitors to the spirit of Paris. The result is part restoration, part rehabilitation of a significant protected Haussmann building, with the addition of a contemporary 20,000m² structure. The striking contemporary intervention is characterised by a delicately tinted glass grid façade, rising above peristyle lower floors. A luminous PVC ceiling with a



change of color for surprising effects illuminates the auditorium of this business center.

The building is organised around an auditorium overhung by hanging gardens, reimagining the district as a fertile urban landscape and calm city retreat. Permeable forecourt and peristyle feature entrance lobbies open the building up at street level, and lead to the entrance hall, restaurants, and shops within. Above ground floor, the commercial space is innovative and flexible, with a façade grid and ceiling frame structure allowing for multiple configurations. Straddling



the entire building is a public promenade, 2,000m² of terraces and a green roof that will be used for agricultural purposes, including environmental workshops and learning sessions for the building's 2,000 occupants. The design of the new building is directly inspired by the chromatic palette of Monet's Gare Saint-Lazare paintings, and Ferrier Marchetti Studio has infused the contemporary façade with colour, light and history.

PICTURE CREDITS

BoysPlayNice

WonderfulVinyl



**THE EUROPEAN COUNCIL
OF VINYL MANUFACTURERS**

Avenue de Cortenbergh 71,
1000 Brussels, Belgium

www.pvc.org

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