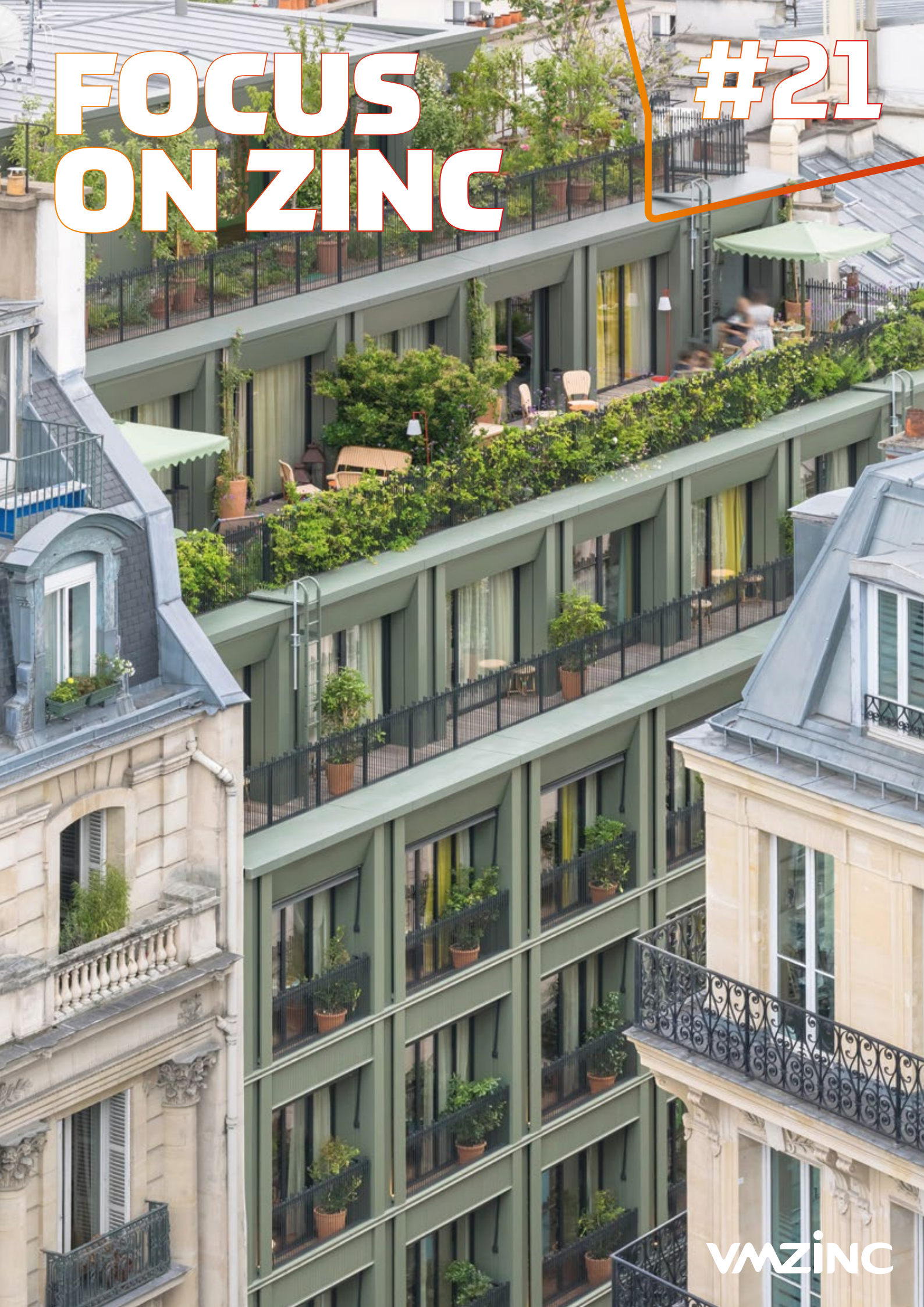


FOCUS ON ZINC

#21



Editorial

The choice of materials becomes more important than ever in the face of environmental and economic challenges.

At VMZINC, we understand that every building is a reflection of creativity, innovation and vision of the architects. Our new Focus on Zinc (number 21) brings you a carefully selected collection of 22 creative projects, each wrapped in the elegance of VMZINC. From minimalist urban designs to breathtaking landmark structures, these projects showcase the limitless potential of zinc in shaping iconic roofs and facades. To extend the discovery of these projects, a QR code has now been added, with a link to more photos and architectural plans.

With the "Make It Yours" customization possibilities, VMZINC empowers architects to explore the wide range of textures, and colors that can bring their creative vision to life. From contemporary to traditional aesthetics, zinc's adaptability allows for the perfect balance between design freedom and performance.

Beyond aesthetics, zinc is also one of the most sustainable materials available today. Its durability, recyclability, and energy efficiency make it a cornerstone of eco-conscious design, ensuring that the buildings of today endure as the green legacies of tomorrow. Architects are increasingly drawn to zinc not only for its timeless elegance but for its ability to meet the highest environmental standards without compromising on design.

With VMZINC, you're not just building a structure—you're crafting a lasting architectural legacy.

We wish you a pleasant reading experience.

The editorial committee

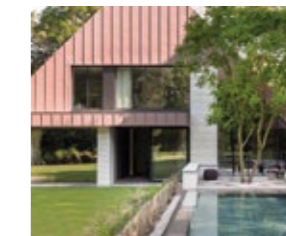
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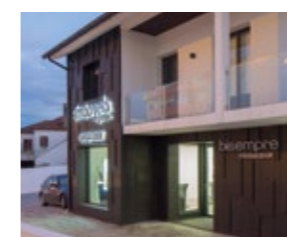
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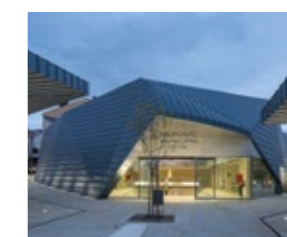
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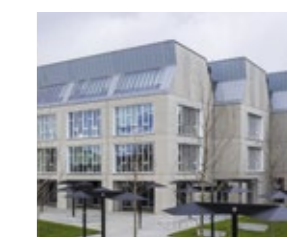
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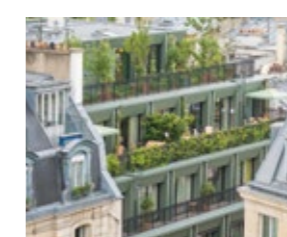
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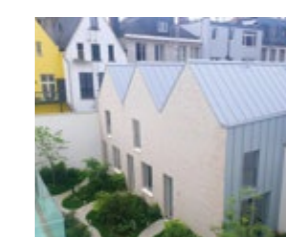
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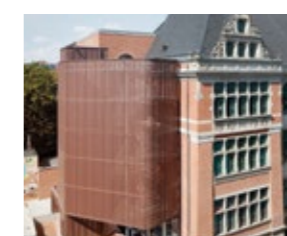
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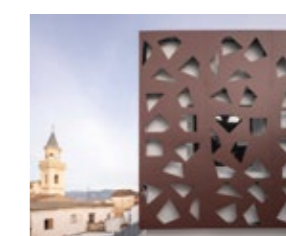
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Contemporary rurality

INDIVIDUAL HOUSING

Set in the agricultural surroundings of the village of Full-Reuenthal, LUMO Architekten AG (Döttingen) has designed a single-family home with simple, contemporary lines.

It is made up of two parallel 2-storey volumes with gables, staggered and linked by a single-storey central module.

Their concrete structure is covered by a highly cohesive ventilated envelope. Perforated at the level of certain openings and with no visible overhanging

eaves or downpipes, it is made of VMZINC® panels in PIGMENTO® red.

While the width and profile of the slats differentiate the two volumes, the monochrome rendering of the façades has, according to the architect, ensured that the building is visually integrated into its natural environment.

This primarily aesthetic choice is reinforced by the material's durability and ease of maintenance.



Private house

Architect	LUMO Architekten AG
Contractor	Knecht + Sutter AG
Technique	VMZINC® Zick-Zack panel
Aspect	PIGMENTO® red
Surface	500 m ²



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The villa 360°

INDIVIDUAL HOUSING

In this rural town in the province of Namur, a new contemporary house stands on a hillside with a 360° panoramic view of the surrounding countryside.

The house has been built in the form of a cross on a base of typical Ardennes grey brick, with 4 main rooms clad on the façade in pre-weathered "Midnight black" zinc using the standing seam technique, which contrasts with the green surroundings.

Quattro Concept Architectes' design is simple and effective, combining traditional and modern materials to create a house in perfect harmony with its surroundings.



Copyright© Julien Carlier



Private house

Architect Quattro Concept Architectes
Contractor Chimsco
Technique VMZINC® Standing seam
Aspect Midnight black (ANTHRA-ZINC® STRAT)
Surface 195 m²

Return to the future

INDIVIDUAL HOUSING

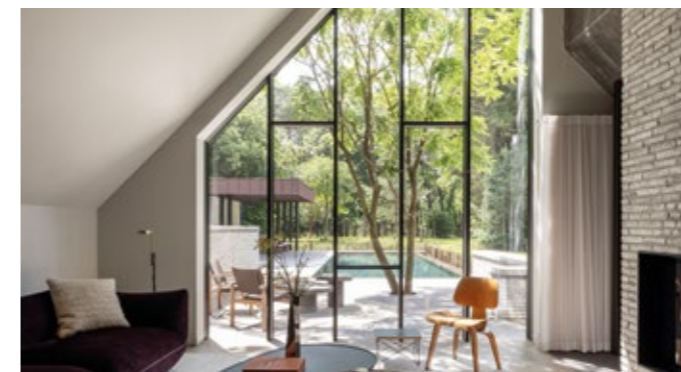
The renovation of this house dating from the 1980s was part of a desire by Ghent-based architects JUMA architects to add a touch of modernity by capitalising on a harmonious combination of different materials, such as zinc and brick.

The slates have been replaced with PIGMENTO® red, giving the house a contemporary look that combines perfectly with its wooded surroundings. The edges have been cut to add originality and elegance.

The roof has been extended along the façade, with lines that give a resolutely modern feel to this successful transformation.



Copyright© Annick Vernimmen



Private house

Architecte JUMA architects
Contractor Platteau & Partners
Technique VMZINC® Standing seam
Aspect PIGMENTO® red
Surface 520 m²

Op art

Would Charles Dickens recognise Clerkenwell, the London borough used as the setting for his novel *Oliver Twist*, if he walked through it today? A century and a half of infrastructure work has transformed the shabby suburb into a sought-after district located just a stone's throw from the City.

The River Fleet, once an open sewer, has been buried under the road, and the railway has made the area a place of transit, whose appeal has been enhanced by the opening of Crossrail, a strategic metropolitan connection which opened in 2015.

In this changing sector, the project designed by the Sheppard Robson agency is taking the place of a three-storey car park built in the 1980s.

If the transformation of a parking facility into a mixed-use complex combining services and accommodation reflects new urban concepts, the dense context called for meticulous urban integration work to protect local residents.

The monolithic volume of the car park has been split into two units, clearly distinguishing between the office and hotel sections. Common to both parts of the project, the elegant pleating of the façades combines aesthetics and practicality, directing the eye towards the centre of the street to limit the delicate problem of being overlooked in a narrow lane.

This urban constraint was coupled with a major structural constraint: the eastern part of the plot is in fact built on top of the railway tunnels.

As it was impossible to stop the trains and create new foundations, the architects kept the car park foundations, reinforcing them in places. On the surface, they did everything they could to lighten the structures.

The brickwork, typical of the area but too heavy for the structure, has been replaced by lighter metal cladding that identifies the two purposes of the structure.

QUARTZ-ZINC® covers the offices, harmoniously matching the bronze of the hotel. The architects made the most of the corner position to enhance the expressive potential of the spines, which they have oriented in opposite directions to give the impression of an opaque surface cut only by the corner glazing. The directing of the panel joints towards the ground further accentuates this dynamic effect borrowed from kinetic art.

If a passer-by thinks that the building is vibrating, this is due entirely to the visual effect of its covering as the whole structure has been laid on a foam that absorbs the vibrations generated by the trains.

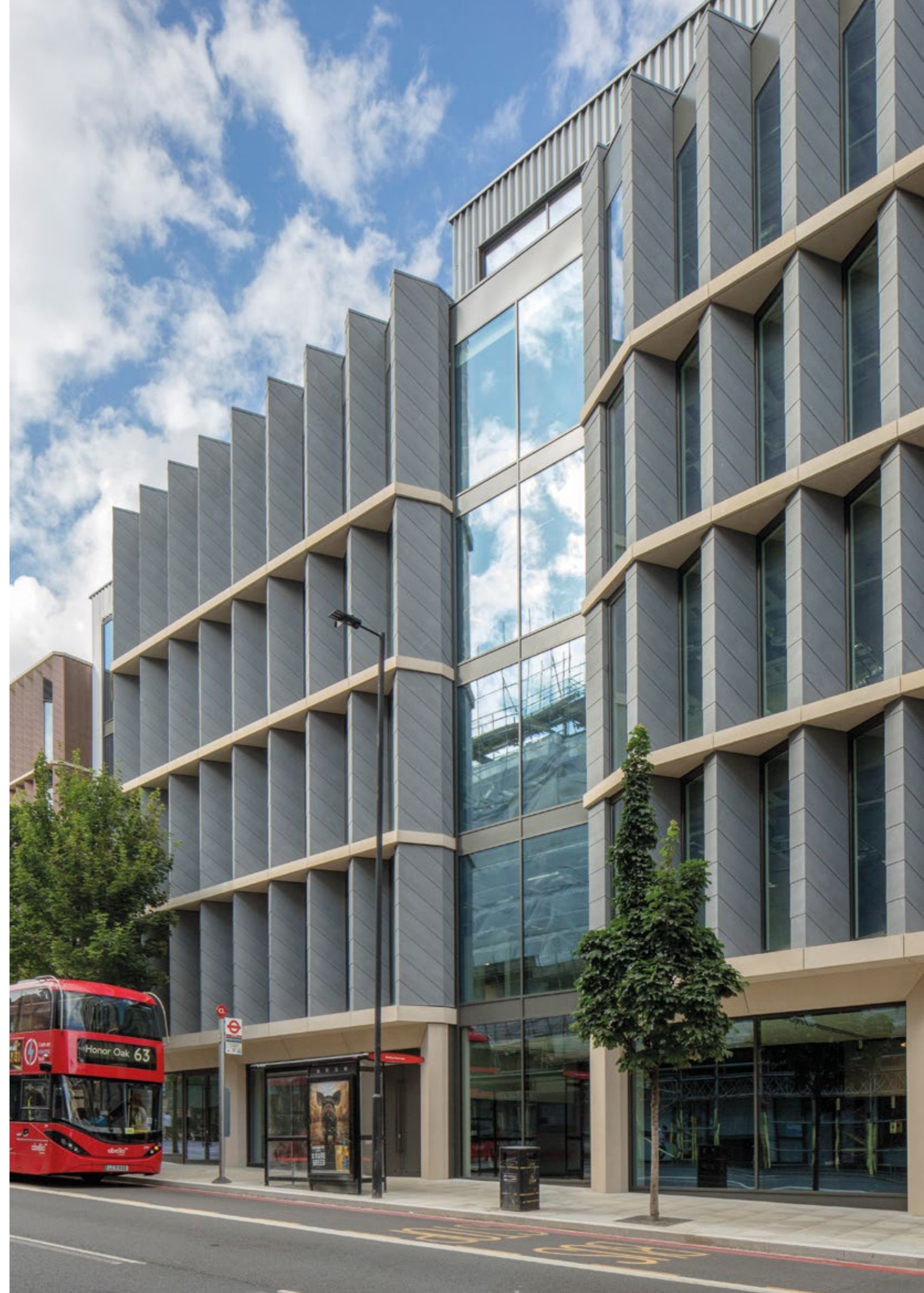


68-86 Farringdon Road

Architect	Sheppard Robson
Contractor	Alufix UK Ltd
Technique	VMZINC® Flat lock panel
Aspect	QUARTZ-ZINC®
Surface	900 m ²



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To get noticed

COMMERCIAL BUILDINGS

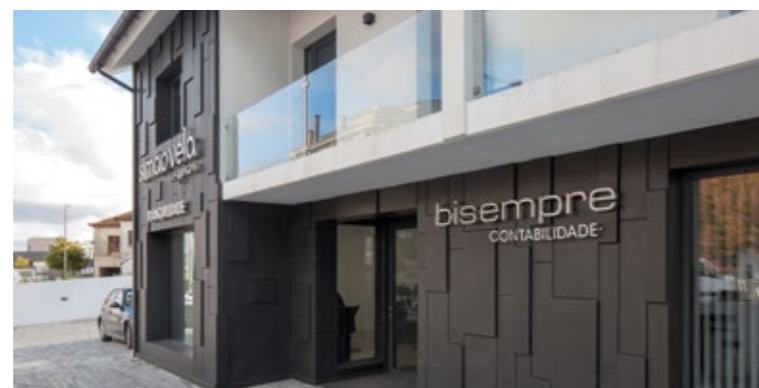
During the complete renovation of a commercial building, Duarte & Viera Lda, a company specialising in zinc and copper roofing, had to meet two requirements specified by the project manager: to make the commercial premises stand out from the other areas of the building, while at the same time offering an aesthetic that was sufficiently original for the commercial space itself to be noticed.



Commercial Building

Architect	Duarte Vieira
Contractor	Duarte Vieira
Technique	VMZINC® Interlocking panel
Aspect	ANTHRA-ZINC®
Surface	100 m ²

A double challenge met with a three-dimensional combination of ANTHRA-ZINC® interlocking panels, interplay of depths of which literally sculpts the façade over some 100m² with a contemporary and captivating design.



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Stretched canvases

COMMERCIAL BUILDINGS

Finalist for the "Espaço" 23 national architecture prize, the Foz Côa municipal market consists of a central two-storey volume faced by two other pavilions built in line with two existing volumes.

Designed by ADVD Atelier Arquitectura, the 1,950m² PIGMENTO® blue zinc roof is reminiscent, in the architect's words, of "a tent or the stretched canvas of a fairground attraction".

From the existing building towards this central volume, the projecting gables of the two new pavilions give a progressive reading of the volume, accompanying the visitor's progress into the block.



Local market

Architect	ADVD Atelier Arquitectura
Contractor	Asa revestimientos
Technique	VMZINC® Standing seam
Aspect	PIGMENTO® blue
Surface	1,950 m ²

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Sweet Follies

Less well known than Silicon Valley, the Research Triangle - sometimes simply referred to as the Triangle - is located in a 12,000 km² area of North Carolina and is the location of the second largest concentration of companies in the US tech sector. Set in the Piedmont, the attractive towns of Raleigh, Durham and Cary have no need to envy San Francisco Bay, if the constant influx of residents is anything to go by.

Since the 1990s, Cary's population has tripled and the town features prominently in Livability's Top 100 best places to live in the USA. This is a score that should be maintained, and even improved, with the development of a three-hectare park in the city centre. Officially opened in 2023, it marks the culmination of 20 years of discussions on the future of a vacant parcel, designated as a green space by the town council in 2001.

In 2018, a robust participatory process helped to define the park's role with its future users. Landscape architect and prime, OJB with architect Machado Silvetti have translated these ideas into a playful project that banishes right angles. Curves reign supreme, both in the pathways and in the various pavilions featuring variations on the theme of the circular and conic geometry.

With pierced discs or undulating lines, these garden follies really stand out with their zinc roofs, set on wooden structures or stone piers. The materials are in keeping with the surrounding landscape.

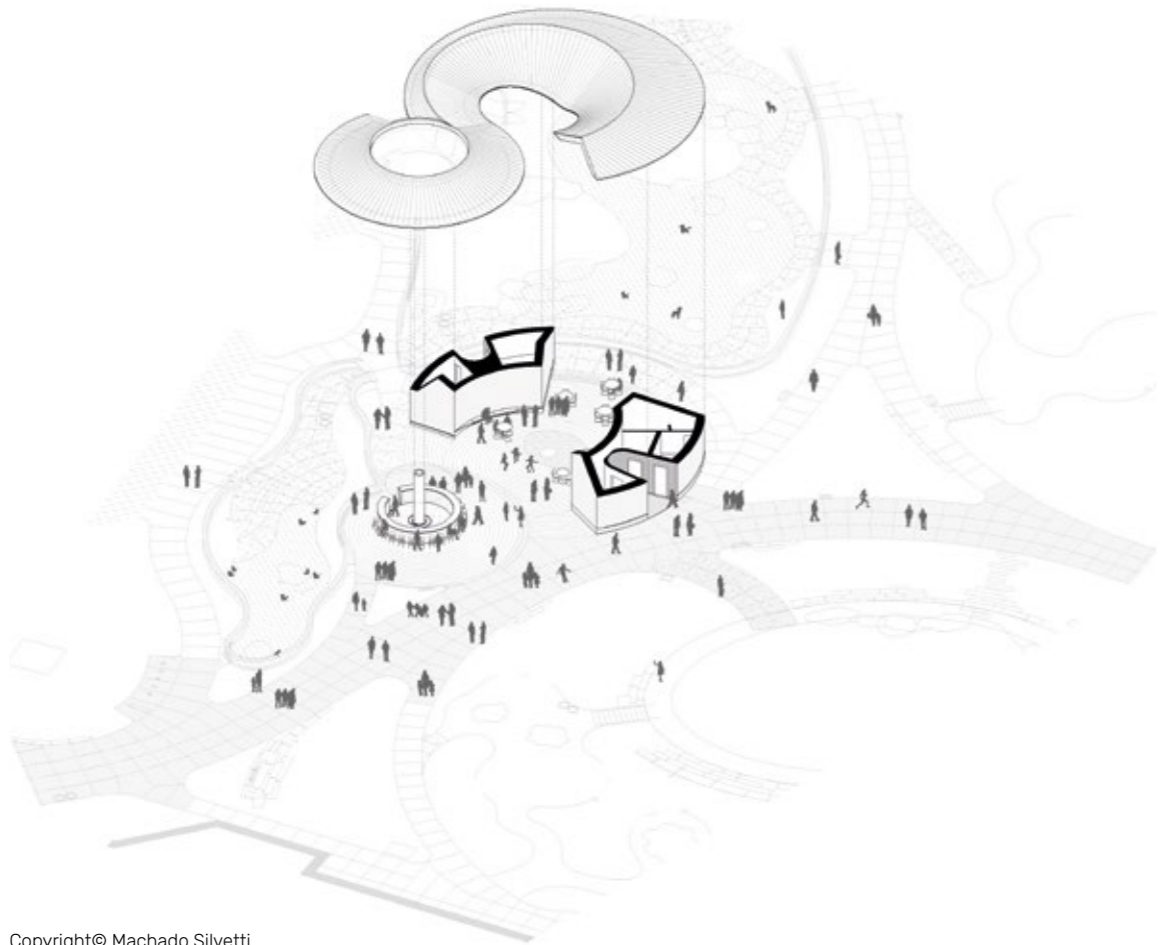
Evoking stone and bark, QUARTZ-ZINC® precisely follows the capricious inflections of the roof slopes, sometimes laid on vertical walls, sometimes suspended in a seemingly precarious manner like a ribbon.

Concave or convex, the roof defines an interiority or directs the visitor towards the other attractions in the park, in a fluid and joyful movement. Its undulations blur the boundary between architecture and landscape interior and exterior.



Downtown Cary Park

Architect	Machado Silvetti
Contractor	Baker Roofing
Technique	VMZINC® Standing seam
Aspect	QUARTZ-ZINC®
Surface	2,400 m ²



Copyright© Machado Silvetti

Copyright© Tzu Chen Photography

An inspirational place

COMMERCIAL BUILDINGS

Nominated at the EUMies Awards 2024, these three buildings designed by JEMS Architekci (Warsaw) house the creative studios of the LPP fashion group.

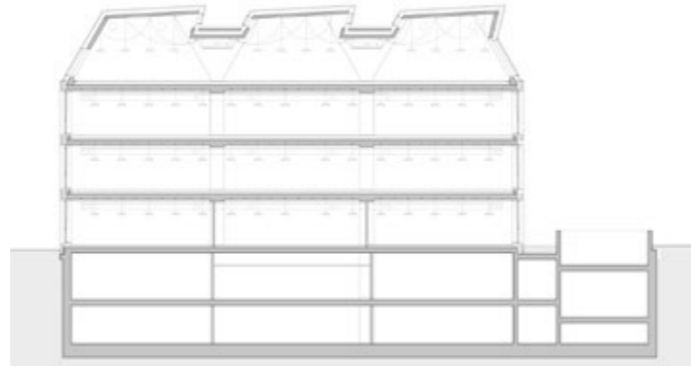


Inspired by the Brutalist style, with its emphasis on raw concrete and large expanses of glass on the façades, their design echoes the pre-war industrial architecture typical of the lower town of Gdańsk.

The line of AZENGAR® standing seam roofs is part of this style. These three buildings are part of a wider project that includes the neighbouring 1920s factories, and provide an inspiring contemporary version of the project.

Creative studios of the LPP fashion group

Architect	JEMS Architekci sp. z o.o.
Contractor	Tomaszczyk i Synowie
Technique	VMZINC® Standing seam
Aspect	AZENGAR®
Surface	1,800 m ²



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Renaissance

COMMERCIAL BUILDINGS

Abandoned in 1993, the Rosebank distillery buildings have undergone a total renovation, entrusted to Michael Laird Architects (Glasgow).

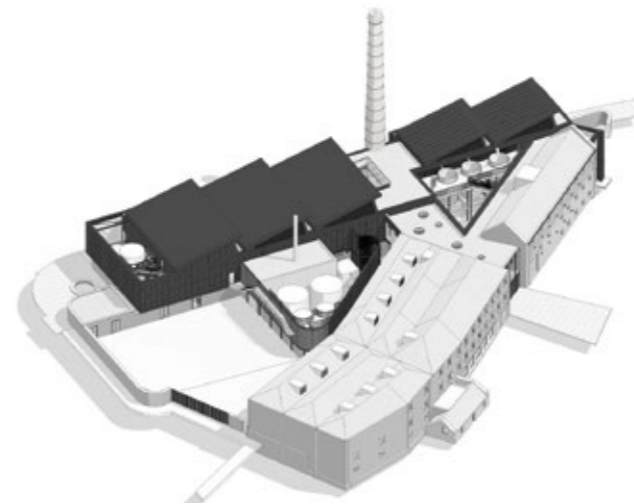


Retaining some of the original architectural features - including bonded warehouses and a brick chimney in particular - the architect has created a distillation building that really stands out with its ANTHRA-ZINC® interlocking profile façades.

With a partially stepped roof in the same material - this time using the standing seam system - the overall effect is contemporary, which perfectly illustrates the renaissance of this brand.

Rosebank Distillery

Architects	Michael Laird Architects
Contractors	Curtis Moore Roof, Base Metal Solutions
Techniques	VMZINC® Standing seam, VMZINC® Interlocking panel
Aspect	ANTHRA-ZINC®
Surface	2,000 m ²



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A garden in the city

Rue Cadet is one of the most historic streets in Paris, taking its name from the master gardeners who once supplied the court with fruit and vegetables.

Petitdidierprieux Architectes drew inspiration from this heritage when renovating the "La Fantaisie" hotel. The aim was to preserve as much of the structure as possible, remove the signs of outdated architecture and create a haven of greenery.

The façade, in PIGMENTO® green, pays tribute to the Parisian landscape with its unique hue. It blends in with the street, revealing the bedrooms protected by small balconies.

The choice of zinc is both aesthetic and symbolic. Zinc is a material deeply rooted in the city's architectural history and has been used since the 19th century to cover the roofs of Haussmannian buildings.

Once past the hustle and bustle of the busy shopping street, you enter this haven of green peace, which really comes into its own at the rear of the building with its immense glazed area that invites calm and serenity.

The Hôtel La Fantaisie embodies a successful fusion of Parisian architectural heritage and modern design.



Hotel La Fantaisie

Architect	Petitdidierprieux Architectes
Contractors	TSM & Star Renovation
Techniques	Bespoke folding, ISOPLI Cassettes
Aspect	PIGMENTO® green
Surface	1,100 m ²



History and modernity

COLLECTIVE HOUSING

Set in the historic heart of Antwerp, the "Regency Garden" residential complex is the result of an extraordinary architectural transformation.

Overseen by VIVA Architecture, the project breathes new life into a plot that dates back to the 16th century. The site includes three distinct buildings, one of which is a heritage-listed manor house, along with an alleyway that runs through it.

Since its completion in 2023, the complex has evolved into a lush green district. It revolves around a central courtyard and garden, featuring 23 apartments and three nearly energy-neutral single-family homes that meet the local BEN standard.

The renovation involved carefully restoring the main historic building to its original

state, removing old extensions, and replacing them with thoughtfully designed structures. It also meant rethinking the connections between these buildings, which have very different typologies.

This diversity is mirrored in the choice of materials used for the façades. The manor house retains its classic, rendered exterior, while the newly constructed building features a brick façade.

The contemporary style of the three houses at the rear is achieved with a combination of brick for the gables and AZENGAR® standing seam for the roofs and walls.

The Regency Garden elegantly merges history and modernity, creating a vibrant new living space in the old centre of Antwerp.

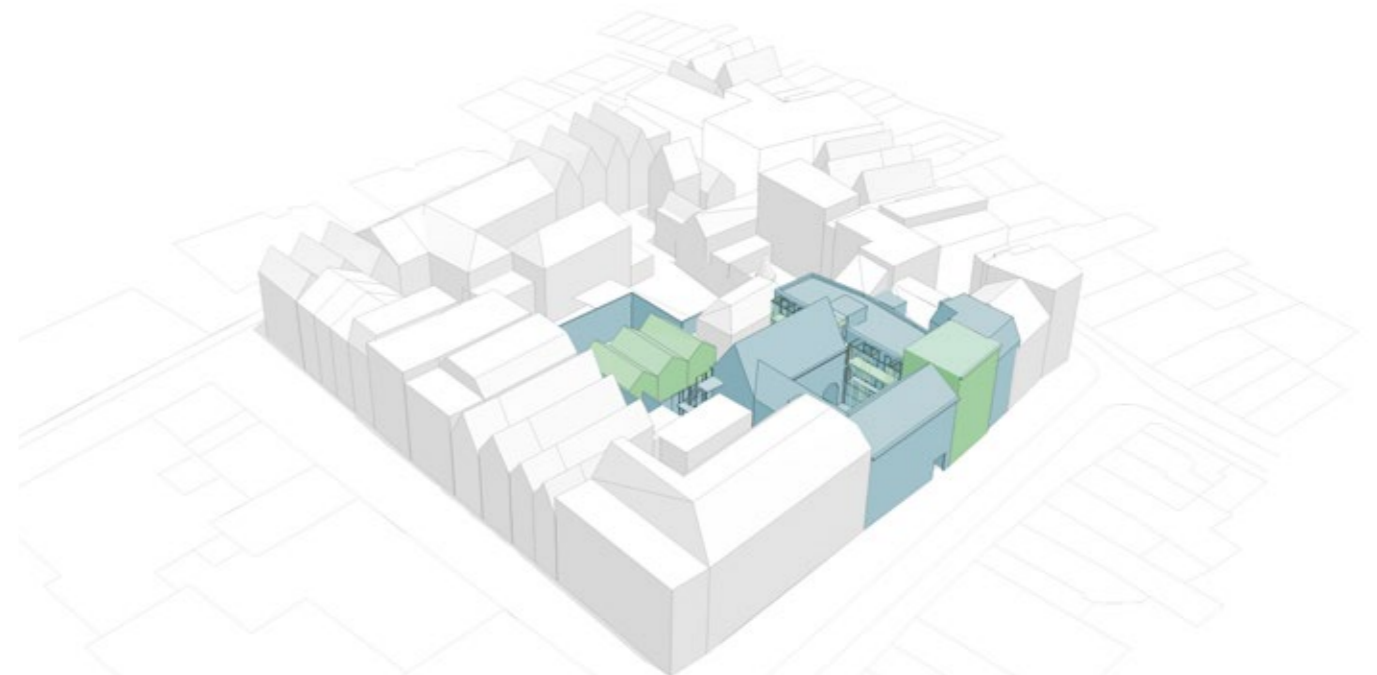


Regency Garden

Architect	VIVA Architecture
Contractor	Dakwerken Meeus
Technique	VMZINC® Standing seam
Aspect	AZENGAR®
Surface	200 m ²



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Courtyard with view

COLLECTIVE HOUSING

In the heart of Göteborg's Majorna district, the Brf. Takgöken complex features a brick island incorporating 127 flats by Krook & Tjäder, Gothenburg.



The buildings are of varying heights forming an inner courtyard, a real place of conviviality creating the common thread running through the architectural project.

From this courtyard, the facades offer a contemporary interpretation of the governor's houses characteristic of this part of the city. The base remains in brick, while the upper floors feature 1,400m² of Sinus corrugated profile in PIGMENTO® blue.

Brf. Takgöken residence

Architect	Krook & Tjäder
Contractor	Byggplåt Svensson & Söner
Technique	VMZINC® Sine wave profile
Aspect	PIGMENTO® blue
Surface	1,400 m ²



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Elegant lines

COLLECTIVE HOUSING

4plus architektingen (Uster) has developed a residential complex of 4 buildings of varying heights to increase the density of the Lindenpark district in the heart of Kloten.

Together with mgh Architects (Schaffhausen) they have completed the volumes with the rounded curves and the cohesion of the vertical-wave facades which give this complex its elegant style.



Trimmed with Sine wave profiles 18/76 in PIGMENTO® green, they are punctuated by balconies with Sine wave profiles of different wavelengths in AZENGAR®.

It should be noted that the main cladding has been perforated in front of certain windows so as not to break up the aesthetic unity and to create a lively play of light at night.

Lindenpark Residence

Architects	Moos Giuliani Herrman MGH 4plus architektingen
Contractor	Carl Meier Sohn
Technique	VMZINC® Sine wave profile
Aspects	PIGMENTO® green, AZENGAR®
Surface	8,000 m ²



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Anchored to the quay

COLLECTIVE HOUSING

The Seine-Saint-Denis region has long been regarded as a service area by its powerful neighbour Paris. The municipality of Bondy, which from 1845 was home to the capital's "voirie" - a term used to describe an open dump - was particularly affected.

The opening of new transport lines as part of the Greater Paris project promises to incorporate these neglected areas back in an interconnected metropolitan area.

Against this historical backdrop, the presence of the Ourcq Canal, a former industrial infrastructure that runs through Bondy and other communes in the department, is a major asset.

Reflecting the approach adopted by cities across Europe to enhance the banks of their rivers, the urban development zone of the Ourcq banks is transforming an industrial wasteland into a residential area offering 1,300 homes in a pleasant setting.

Set amidst brick buildings, its luminous metallic appearance is a real eye-catcher. Badia Berger Architectes designed two

buildings with a total of 60 dwellings, one of which is in the prow on the canal, clad with zinc. The mass of the project and the treatment of its envelope make the most of the light-coloured zinc cladding, which has been applied like a tight-fitting garment from the top of the roof to the foot of the façade.

The vertical standing seam joints accentuate the slenderness of the block and follow the curves of the main façade, with balconies at returning angles coming to the fore.

This contrast of folds cleverly enhances the volume with a minimum of resources. The reflective zinc becomes transparent on the balcony railings, which are closed by perforated corrugated zinc.

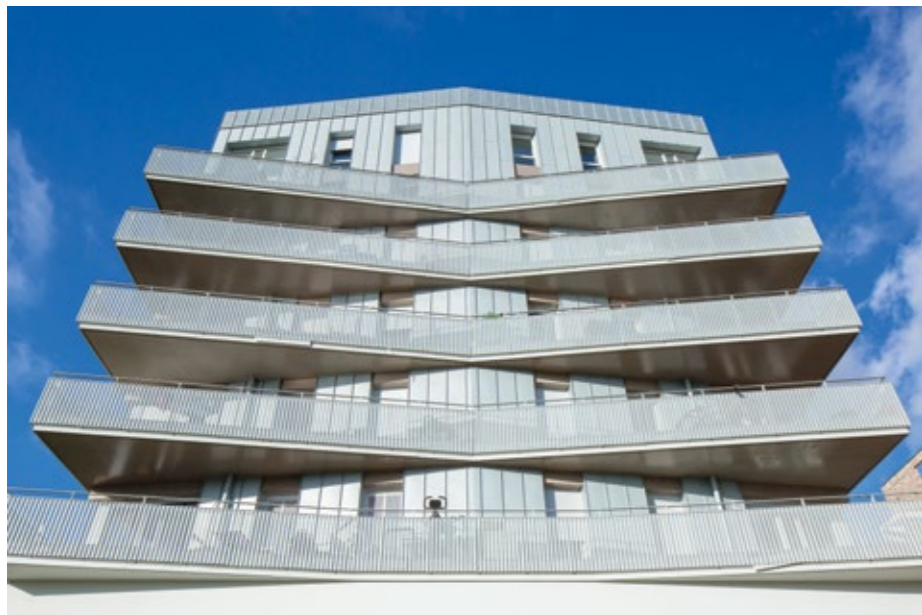
The different states of the material and its shaping create a vibrant, shimmering appearance, transposing the aquatic reflections of the nearby canal to the façade.

Viewed from the other bank, the building looks like a ship about to split the water.



Residential building

Architects	Badia Berger Architectes
Project owner	Altarea Cogedim
Developer	Est Ensemble
Urban planner	BURO Architectes
Contractor	FBCC
Techniques	VMZINC® Standing seam, VMZINC® Sine wave profile, Perforated panels
Aspect	AZENGAR®
Surface	1,500 m ²



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Nature and hope

COLLECTIVE HOUSING

Located in a residential area of Southampton, in the heart of a heritage protection zone, the Hope Street Hub is designed to accommodate women in the care of the justice system and their children.

From the street, the shelter appears as a group of three detached houses whose architecture respects the rhythm and lexicon of the neighbouring Victorian villas.

However, to avoid giving the whole structure too strict an appearance, Snug Architects (Southampton) has differentiated the composition of these three volumes through their openings and roof pitches. The unity of the whole is based on the

materials used: brick and oak on the façades, PIGMENTO® green standing seam zinc for the roofs and their connections.

The green colour of the building is a modern interpretation of the slate roofs that are predominant in the district and an echo of the trees in the park opposite.

The biophilic approach adopted throughout this BREEAM-certified project is reflected in the therapeutic garden that separates this first line of buildings from another building to the rear. It offers 8 shared flats that can accommodate up to 24 women and their children in private flats.



Hope Street Hub

Architect	Snug Architects Ltd
Contractor	Pace Roofing
Technique	VMZINC® Standing seam
Aspect	PIGMENTO® green
Surface	200 m ²



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Rural urban

The creation of Xiaxinqiao Park is part of a new phase in the development of Chinese cities, bringing back the green spaces that were forgotten during the boom years of construction.

More than just a change, the authorities are seeking a complete reversal of the situation: parks and gardens are conceived as places from which to rediscover the city, rather than mere pockets of vegetation withdrawn from construction.

Natural and fun, the site offers a wide range of entertainment. A panoramic tower inspired by the hibiscus dominates the modern part of the park. A more rural part of the site is organised around a series of pavilions evoking the traditional rural architecture of the region.

How does one decide how to lay out the pavilions in an open space? Instead of pitting architecture against nature and sticking buildings one after the other, the architects from the Zhongheng institute have opted for forms that could be described as organic, blending into a curved geometric layout.

The design of a stylised panda, chosen as the mascot for the international student games (Universiade 2021, hosted by Chengdu in 2023 because of the pandemic), guides the comma-shaped layout of the five pavilions, and determines the curved, asymmetrical zinc roof, which is itself extended by pergola structures that reconstitute a virtual volume.

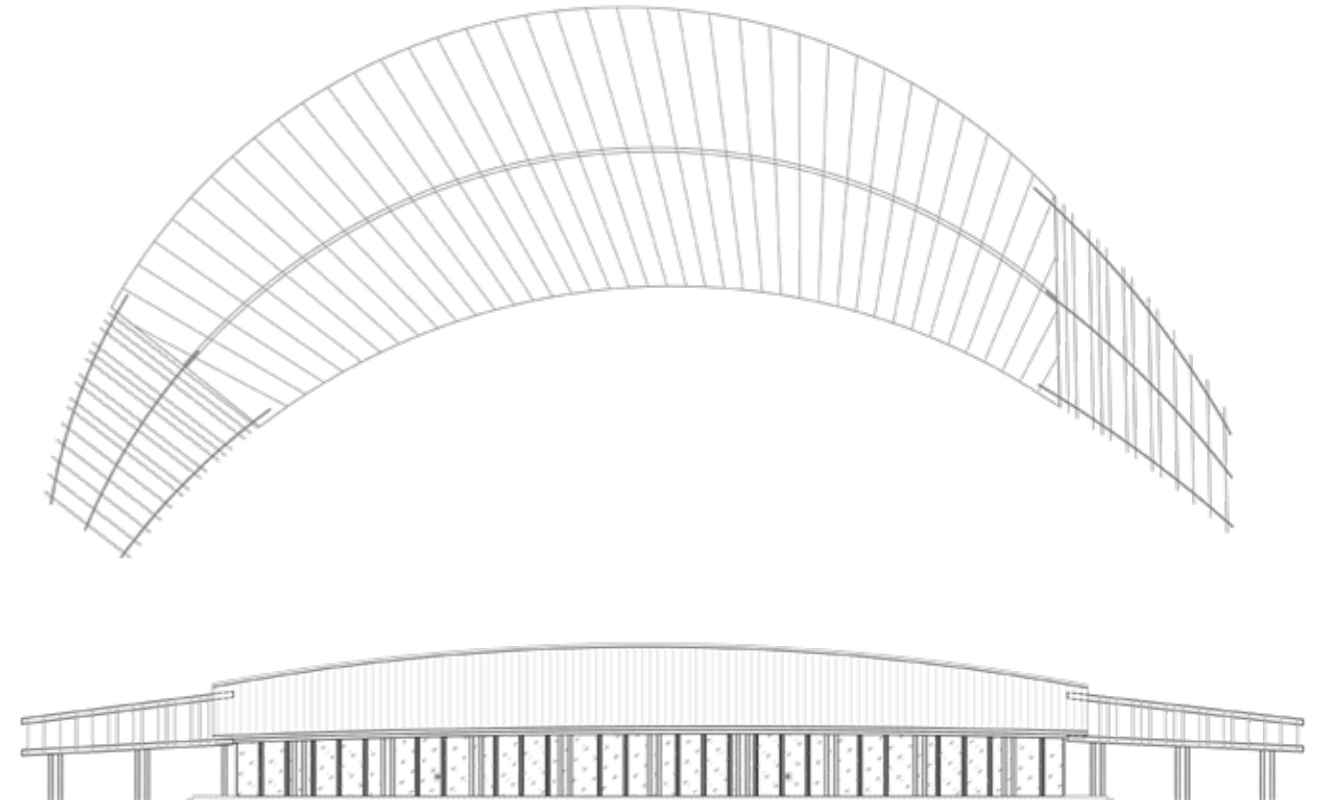
The standing seam roof cladding follows the curves and counter-curves of the roofs, finished with elegant minimalist channels and a raised ridge simulating the backbone of an agile dragon. The expressiveness of the roofs suggests continuities that play on the gaps separating each pavilion, united by spaces that welcome the return of nature.



Xiaxinqiao Park	
Architect	Zhongheng Engineering Design Institute Co. Ltd
Contractor	Chengdu Construction Engineering Group Co.,Ltd
Technique	VMZINC® Standing seam
Aspect	PIGMENTO® grey
Surface	4,600 m²



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Landscape culture

PUBLIC BUILDINGS

As part of the redevelopment of the Calipari Park, the design of the cultural centre and new municipal library in Castel Maggiore, north of Bologna, has been entrusted to the S.B.Arch. Bargone Architetti Associati studio. (Rome).

Driven by their ambition to make it the town's main cultural structure and a special place for socialising, the architect wanted these two buildings to blend in with the park's green spaces while opening up to the outside world.

The undulating lines of the roofs rising from the ground are a symbol of this symbiosis between buildings and nature. The gentle curve both hugs and creates the relief on either side of a path running through

the park and leading to this attraction. While one side of the slope is planted with vegetation, the majority of the other side is covered with QUARTZ-ZINC® standing seam.

This choice was first and foremost an aesthetic one, guided by the pre-weathered appearance and natural vibrancy of the material, which makes it easier to integrate into the natural environment.

It is also linked to the technical characteristics of durability and flexibility of installation, as in the case of the black ANTHRA-ZINC® frames for dormers and French windows on a slope that also functions as a drainage area combined with water collection tanks.



New municipal Library

Architect	S.B. Arch. Bargone Architetti Associati
Contractor	Involucro srl
Technique	VMZINC® Standing seam
Aspects	QUARTZ-ZINC®, ANTHRA-ZINC®
Surface	600 m ²



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Travelling village square

PUBLIC BUILDINGS

Symbolic of the importance of infrastructure in an India undergoing an economic boom, the Baramathi bus station in the centre of the country reflects a change of era.

Thirty years ago, such a facility would probably only have been considered from a functional point of view: a graceless terminal with no ambition other than to transfer passengers.

Instead, architects Sunil Patil & Associates Pvt Ltd wanted to turn this transit zone into a place in its own right, a landmark in the life of this small town of 60,000 inhabitants.

The layout of the buildings provides a central location away from traffic and bustle.

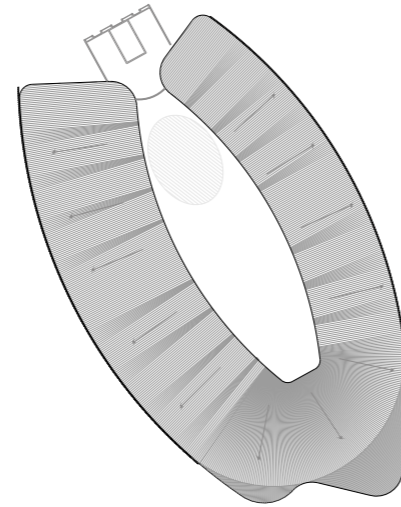
A large roof protects passengers from the rain or the sun, creates a patio in this central square and treats the station

as one of the monuments in the city. Seen from a distance, the whole complex could be viewed as a large house, providing users with a quiet stopover before boarding.

The malleability of zinc and its ability to take on organic shapes were the primary reasons for choosing this material, which is laid standing seam on a metal structure raised some ten metres above the ground.

The roof as a whole is made up of the same material including the curved bull nose and extensive soffit.

Durability and the need to reduce maintenance were deciding factors in the choice of zinc in conjunction with brick, another hard-wearing material that is a welcome addition to a programme subject to harshness of use that is mitigated by the gentle curves of its roof.



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Bus stand

Architect	Sunil Patil & Associates Pvt Ltd
Contractor	TRG International
Technique	VMZINC® Standing seam
Aspect	QUARTZ-ZINC®
Surface	12,500 m ²



Historical courtyard

PUBLIC BUILDINGS

In addition to a kindergarten, the Narva Eesti educational complex includes the public primary and secondary schools in the east of the town of Narva.

The extension and renovation of the 1960s-style functional building housing the schools was carried out by 3+1 architects (Narva).

The designers' aim was to enhance the existing building, which opened out onto the wider world, and to create an extension based on the perimeter model, with an interior courtyard, of the town's medieval buildings, which were destroyed during the Second World War. Influenced by this architectural history, the

architects have designed a concrete structure of varying heights, where façades and roofs are brought together above a wooden ground floor by rectangular zinc shingle cladding.

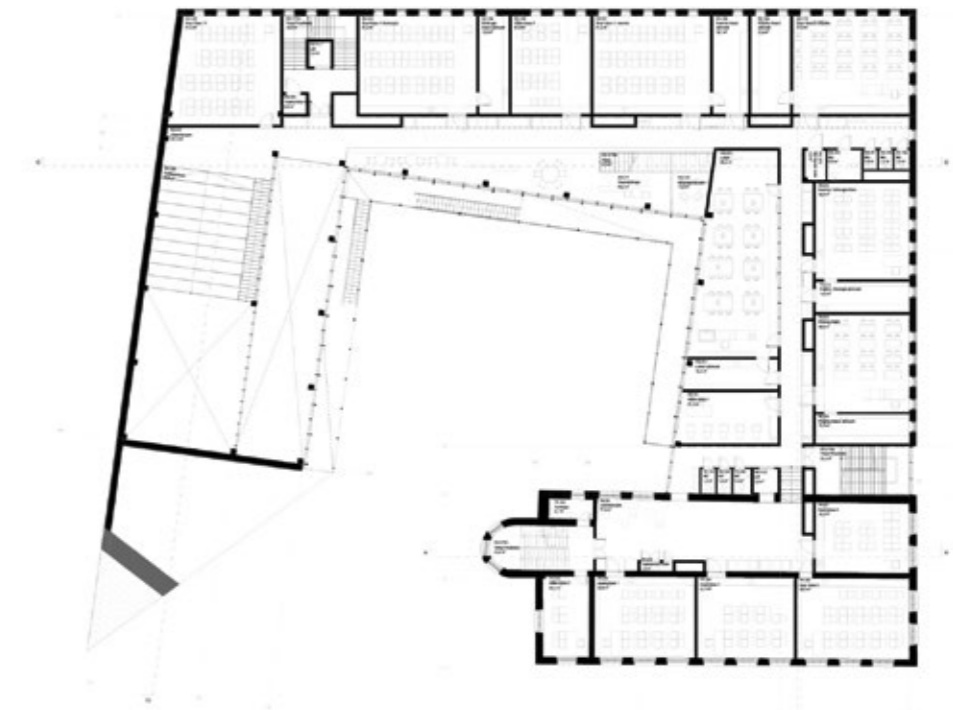
Zinc was chosen for its durability and appearance over time.

The rectangular shape of the shingles is due to their geometric repetition on the façade, which evokes the stone of old buildings without overpowering the whole.

This linear and symmetrical interpretation balances the relatively complex geometry of the building and offers a subtle echo of Narva's architectural past.



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School

Architects	3+1 architects
Contractor	Jälle Ja Ko Oü
Techniques	VMZINC® Standing seam, VMZINC® Shingles
Aspect	ANTHRA-ZINC®
Surface	2,800 m ²

Straw and zinc

Between 2000 and 2024, the population of Aizenay almost doubled, growing from 6,000 to almost 11,000 inhabitants.

A demographic boom that fully justified the construction of a new high school to accommodate 850 students.

The establishment was built on the outskirts of the town, in an area that already had a secondary school and a primary school. The first challenge for the new facility was to blend in with the hedged farmland that is typical of rural Vendée.

The second challenge was to meet high environmental standards, with a strong focus on low-carbon construction.

Local and global: the roadmap was set. In response, the architects of CRR Écritures Architecturales simultaneously mobilised materials and companies in the region, while setting themselves the highest environmental performance standards in the country.

So, rather than opting to use just a single material, they followed the "right material in the right place" strategy.

The mixed structure uses low-carbon concrete and a timber frame around an internal street. The orientation of the building encourages natural light. The wall insulation is particularly innovative and unprecedented on this scale and in this type of programme.

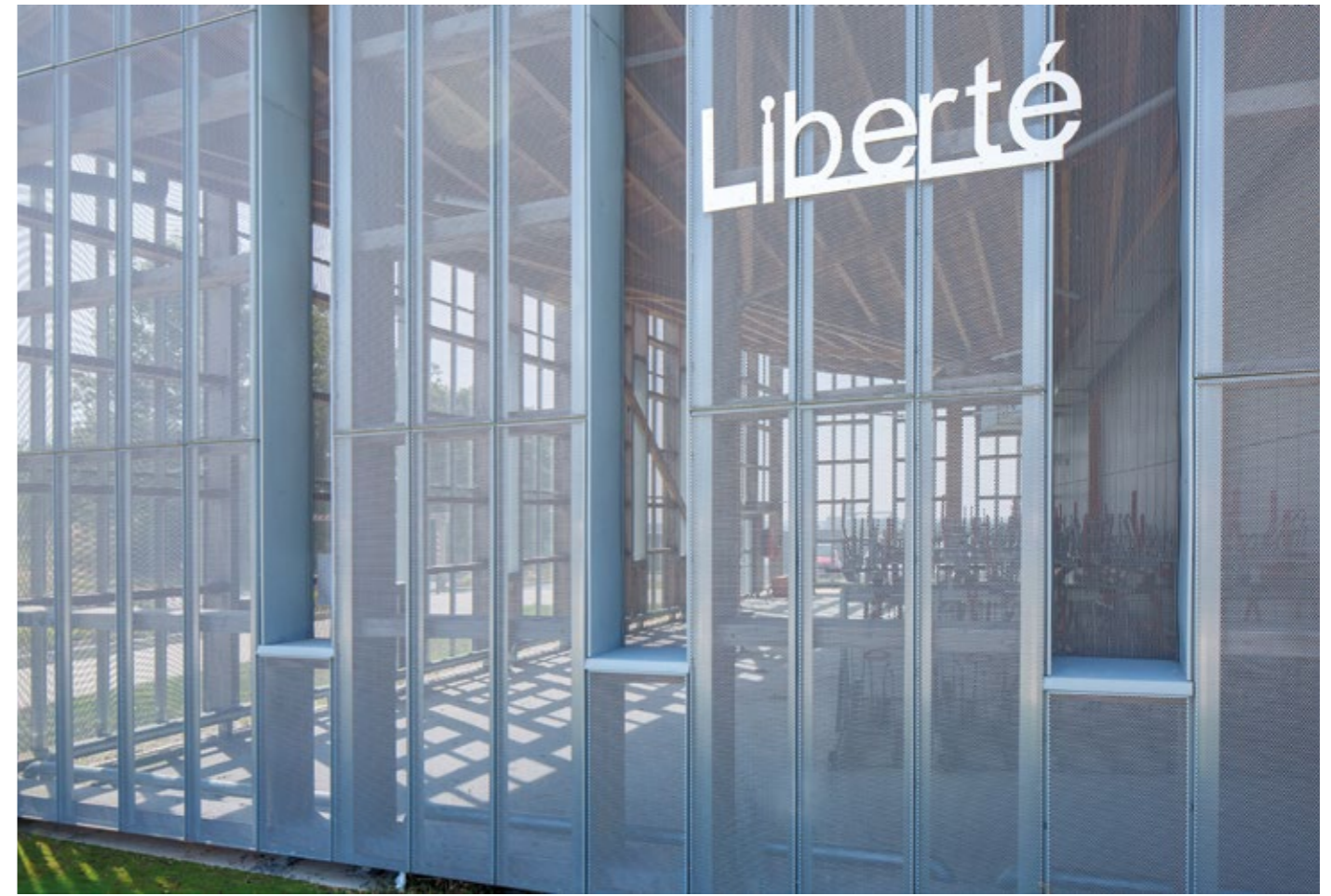
In both winter and summer, the 12,000 bales of straw supplied by local farmers guarantee the thermal performance of the exterior walls, which also feature a mix of materials. To the north and east, facing the countryside, the façades are clad in wood.

To the south and west, the façades exposed to the prevailing winds from the sea are clad in zinc, a more resistant and urban material for this façade facing the town centre.



High School

Architects	CRR Écritures Architecturales
Contractor	Garandau
Techniques	VMZINC® Standing seam, MOZAIK Cassettes, Perforated MOZAIK Cassettes
Aspect	AZENGAR®
Surface	4,000 m²



Bioclimatic reference

PUBLIC BUILDINGS

The first zero-emission office building in the Asturias region, Greenspace PCTG incorporates active and passive systems that make it a benchmark in terms of construction process, accessibility, sustainability, energy efficiency and technology, culminating in LEED Gold certification.

not consumed to be fed into the grid. For this building, the architects opted for a ventilated facade, built on a timber frame with internal and external insulation, triple glazing and a green roof to reduce the heat island effect.

The structure is clad in QUARTZ-ZINC® standing seam, which has been perforated in places.

This choice was guided by the desire to take advantage of natural light while maintaining a high level of thermal comfort, and reinforced by the material's durability and longevity properties.

Designed by EMASE Arquitectura (Madrid), this 1,488m² 2-storey building with a basement level and garage is based on the principles of bioclimatic architecture.

A photovoltaic pergola protects the building from the thermal load of radiation and the photovoltaic system allows any energy that has been produced but



GreenSpace PCTG

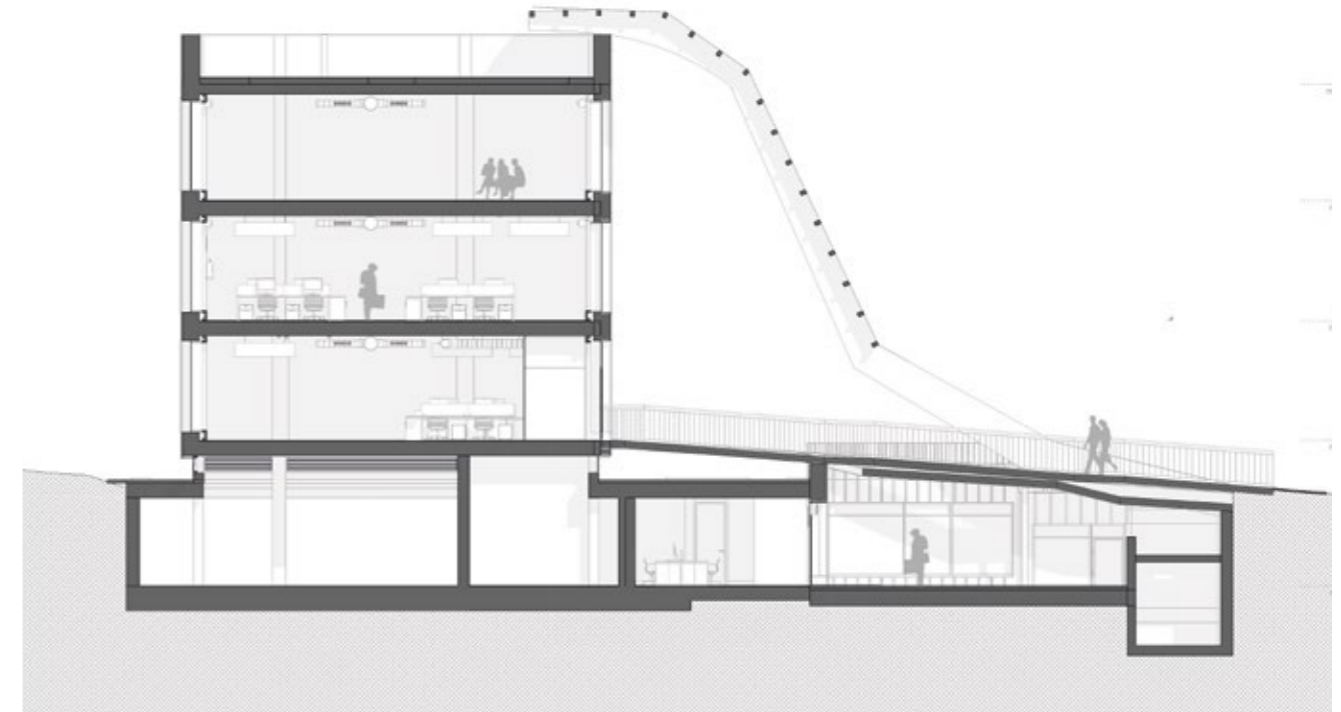
Architects EMASE Arquitectura
Eugenia del Río, Eladio Rodríguez

Contractor Cubiertas las Murias

Techniques VMZINC® Standing seam,
Perforated panels

Aspect QUARTZ-ZINC®

Surface 720 m²



A gentle connection

PUBLIC BUILDINGS

Dating from 1904 and a listed building, the Beethovenstrasse school complex in Hanover's Linden district is typical of the local architecture of the period, with its red clinker bricks and decorated gables.

To meet the fire protection and equal access disability requirements of a contemporary school, the building needed to be fitted with an emergency staircase and a lift.

From the outset, the dRei Architekten BDA consultancy, based in Hanover, planned to include these elements in a "connecting shell" that would form a modern, balanced counterpart to the existing building.

To give shape to this curved volume, the architects chose a 1.0 mm thick PIGMENTO® zinc skin, whose red colour, pre-weathered surface finish and 50% perforation pattern provide a modern echo to the existing clinker brick, facilitating dialogue with the old building.

Its transparency also makes it possible to view the façade differently by day or when lit from the inside.

Veiled by this perforated skin, the lift shaft was clad in the same PIGMENTO® red installed using the standing seam technique.



School

Architect	dRei Architekten BDA
Contractor	Blechtechnik Marco Pistorius GmbH
Techniques	Perforated panels, VMZINC® Standing seam
Aspect	PIGMENTO® red
Surface	200 m ²



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Make it yours

“Make it yours” adds a unique identity to every project. Whether it’s with unique shapes, customised perforations, shingles or embossing, zinc encourages the creativity of architects for designs that give originality and relief to roofs and façades.



1



2



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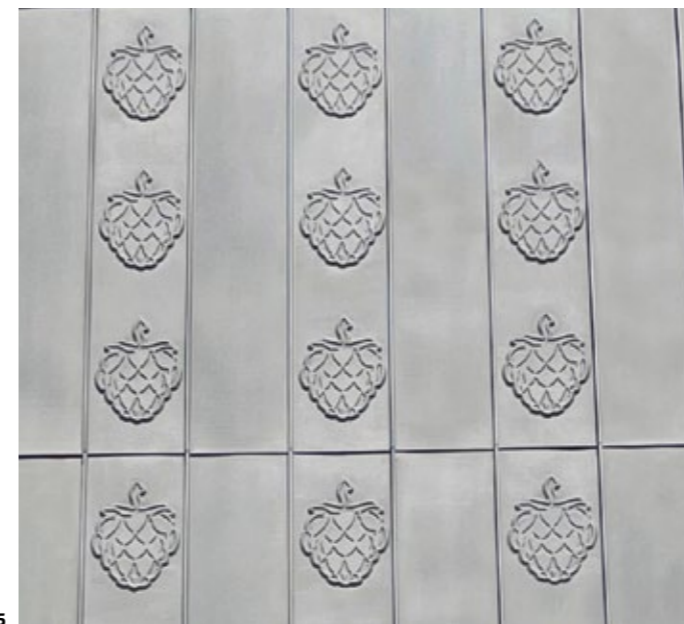


3



4

- 1 > France, Montreuil - Elevation
Architect: BIMi architectes
Technique: VMZINC® Shingles
Aspect: PIGMENTO® blue
- 2 > France, Guyancourt - Collective housing
Architect: ARCHI DS
Techniques: VMZINC® Standing seam, Perforation
Aspect: PIGMENTO® Ral 1014
- 3 > Spain, Las Gabias - Centre for senior citizens
Architect: AMAT Arquitectos
Technique: Perforated panels
Aspect: PIGMENTO® red
- 4 > India, Kolkata - Dhono Dhanyo Auditorium
Architect: STUP Consultants P. Ltd
Techniques: VMZINC® Interlocking panel, Perforated panels
Aspect: White bilacquered zinc
- 5 > Switzerland, Appenzell - Offices
Architect: Keller Hubacher Architekten
Techniques: VMZINC® Standing seam, Embossed patterns
Aspect: QUARTZ-ZINC®



5



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