FOCUS ON ZINC

FOCUS ON ZINC N°19

2022-2023

02 GERMANY • 03 LEBANON • 04 FRANCE • 06 SWITZERLAND • 08 AUSTRALIA • 12 BELGIUM • 14 SWITZERLAND • 18 FRANCE • 20 ITALY • 21 SPAIN • 22 CHINA 24 DENMARK • 26 SWEDEN • 28 PORTUGAL • 30 UNITED KINGDOM • 32 INDIA • 36 FRANCE • 38 CANADA • 40 UNITED KINGDOM • 44 COLOURS OF ZINC



Editorial

Welcome to the latest issue of Focus on Zinc.

In this 19th edition we take you on an exciting journey around the world by presenting 19 projects showcasing different techniques and surface aspects for roofing and facade.

Big projects, individual houses, public buildings, ... the selected projects all highlight the adaptability of VMZINC[®]. Zinc is very malleable and can therefore meet virtually all architectural needs. It offers the freedom to craft architectural masterpieces that are difficult to achieve with other construction materials.

Added to this, our unique range of colours give architects multiple options to match their creativity. Be sure to have a look at the dedicated section on colours at the end of this magazine.

In addition to offering creative freedom, zinc is a resistant, durable and sustainable solution for the building envelope. VMZINC used in the building industry is 100% recyclable and can be recycled indefinitely, putting it far ahead of many other materials.

VMZINC teams continuously embrace a +180 year legacy to keep developing innovative solutions and evolving our production processes.

We hope to boost your inspiration by discovering our projects and we wish you a very pleasant reading experience.

Passionate about Zinc,

The editorial committee

FOCUS ON ZINC Nº 19 - November 2022. FOCUS ON ZINC is the international architecture magazine from VMZINC®. It is published in French and English Publication Director Bram Callens Project manager Corinne Gessat Editorial committee Valérie Briban, Arwa Boussaa, Stéphane Corbel, Charles Derreumaux, Olivier Delcourt Etienne Chopin, Karina Jensen, Jonathan Lowy, Uwe Nagel, Knut König **Editorial contribution** Valérie Briban, Jon Lowy, Olivier Namias, Open place, Parleclair Design Malo Jénin and Corinne Gessat - VM Building Solutions Printing Groupe des Imprimeries Morault.

© Copyright VM Building Solutions - November 2022. Any total or partial reproduction of this document is subject to prior written authorisation from VM Building Solutions.







03

08

12 AUSTRALIA

GERMANY

BELGIUM

LEBANON





20

26

21





SWEDEN

ITALY

PORTUGAL

SPAIN





36

38 FRANCE

CANADA





SWITZERLAND





FRANCE





DENMARK



32

INDIA



44





04

FRANCE



14

SWITZERLAND



22

CHINA



30

UNITED KINGDOM





UNITED KINGDOM

COMMERCIAL BUILDINGS

Rays of light

This first permanent building by Kengo Kuma in Germany is characteristic of the Japanese architect's approach, harmonious interaction between the building and its environment, a sober approach, use of local resources and references to Japanese expertise.

This place of meditation, built in the heart of a forest for the "Das Kranzbach" hotel, stands out with a combination of 1,550 fir shingles designed as a transition from natural to architectural space and evoking "komorebi", referring to the rays of light between the branches in the forest.

The zinc roof panels act as protection for this unusual and inspiring place.

The pre-weathered aspect of QUARTZ-ZINC[®] contributes to the timelessness of the place.

Germany - Krün Meditation pavilion	
Architects	Studio Lois Innsbruck
	& Kengu Kuma Tokyo/Japan 🚿
Contractor	Josef Frank Dachdeckerei,
	Spenglerei und Schlosserei e.K.
Technique	System roof panels FIGO
Aspect	QUARTZ-ZINC®
Surface	200 m ²
Copyright	Anneliese Kompatscher





INDIVIDUAL HOUSING

Extreme mineral

At 1,550 metres altitude, in the heart of a lunar landscape whose beauty contrasts with the harsh climate, an impressive retreat made from glass and concrete hugs the distinctive relief of the Faqra site on Mount Lebanon.

Its very name, "On the Rocks", illustrates architect Karim Nader's desire to integrate this atypical building into its mineral environment.

Between concrete modules and large glass walls, the 250 m² of zinc roofing achieves this with contrasting ANTHRA-ZINC[®], recalling the colour of the rock and its standing seam installation, the lines of which evoke the distinctive vertical striations of the surrounding rocks.

On the Rocks Architect Karim N Contractor Modelo Technique VMZINO Aspect ANTHRA Surface 250 m² Copyright Dia Mrav

Lebanon - Fagra,

Mount-Lebanon





2

Karim Nader Studio Modelo s.a.l. VMZINC[®] Standing seam ANTHRA-ZINC® Dia Mrad, Christopher Antaki, Marwan Harmouche



COLLECTIVE HOUSING

Land of contrast

The urban area development around Paris has put Aubervilliers at the heart of the Grand Paris project. Caught up in the city's sprawl, the former working-class community on the outskirts of Paris is now almost part of the heart of the capital.

Served by new transport links, Aubervilliers wants to transform itself without losing its identity. The city opted for a strategy of urban acupuncture for the renovation, characterised by a series of small projects involving existing buildings.

The building on the Rue Ferragus is one of these. The programme provides 15 affordable homes divided between two buildings: a small building from the 1920s and a new wooden building on the site of a former garage.

Pietri embraced the diversity of the surrounding buildings and their variety: detached homes, townhouses, and small and large buildings from different eras. Rather than attempting to reconstitute a homogeneous unit, the architects have amplified the differences, playing on the contrast between the existing brick and mineral heritage and creating an extension wrapped in dark grey ANTHRA-ZINC® cladding that highlights the project's contemporary aspect. The two elements are comparable in scale and continue interacting through the recessed balconies connecting them.

The new areas use Cross Laminated Timber. The wooden window frames discreetly reveal the materials used in the building. The malleable nature of zinc made it easier to connect the materials.

At the time of the project's design, zinc offered one of the few technical solutions compatible with a wooden structure systems for a perfect synergy.

France - Aubervilliers Ferragus apartments Architect Pietri Architectes

 Contractor
 FPB Simeoni

 Technique
 VMZINC® Flat lock panel

 Aspect
 ANTHRA-ZINC®

 Surface
 600 m²

 Copyright
 Hugo Hébrard





Contemporary views

Tucked in between the vineyards and orchards overlooking Lake Zurich, the Allenberg apartment building looks like three separate houses featuring typical regional gables.

One of the main architectural challenges of this project was to create a contemporary communal living space at the centre of a hamlet with protected traditional and individual homes.

To do this, mk arch GmbH architects (Uetikon am See) chose to point them along different lines, creating different views, access to sunlight and a variety of outdoor spaces. In addition to their identical design and interior structure, the cohesive ensemble comes from the materials used in the three "houses".

Fine brushed plaster on the ground floor, panoramic glazing on the gables, natural larch cladding on the balconies and under the roofs and, finally, 800 m^2 of QUARTZ-ZINC® chosen for its appearance and durability on the facades and roofs.

This is a perfect example of creating diversity while preserving the cohesiveness of the building–a masterful achievement.

Switzerland - Männedorf Collective housing

 Architect
 mk arch GmbH

 Contractor
 Rüegg AG Spenglerei

 Technique
 VMZINC® Standing seam

 Aspect
 QUARTZ-ZINC®

 Surface
 800 m²

 Copyright
 Paul Kozlowski











PUBLIC BUILDINGS



Yarram - water in the original Aboriginal language - is a community of 2,000 people 190 km from Melbourne. It has an important urban heritage despite its distance from the major cities, using brick to create a unique quality.

It also has a medical centre that offers a wide range of healthcare and hospital facilities. The town wanted more modern-looking architecture for this centre to make it more accessible and attractive to patients and doctors who might be reluctant to move to a remote part of the country.

McBride Charles Ryan took on the challenge to refurbish one of the centre's consultation wings, delivering an identifiable project in the town.

Curves have been grafted onto the existing sensibly-sized brick buildings. The roof of the extension forms a series of waves that fall away as you move away from the entrance. The undulation that sculpts the roof is reflected in the interiors, creating a reception area freely inspired by the work of Finnish architect Alvar Aalto.

Despite its unusual appearance, the building is not as far removed from local architecture as it would seem. The wave overhanging the building to form a gallery reinterprets the verandas that once lined the hospital's exteriors.

The new veranda provides a protective and welcoming in-between space, marking out the new entrance to this small hospital complex. The architects used local materials with a structure in local wood and bricks recovered from the demolished building.

The architects are familiar with using zinc to decorate curves, for example, in projects such as the Cloud House, a detached house in the shape of a cloud.

"Zinc provides a sustainable solution flexible enough for the curves of the health centre. It shows a commitment to quality construction and gives the project a unique identity," explains the architect.



(YDHS) Integrated Healthcare Centre

Architect	McBride Charles Ryan
Contractor	TS Constructions
Installer	JM Cladding
Technique	VMZINC® Flat lock panel
Aspect	AZENGAR [®]
Surface	1,000 m ²
Copyright	John Gollings AM



8

N°19 FOCUS ON ZINC









The spirit of the place

"Citerra" is a building with 19 singlefamily dwellings and 29 apartments built in 2021 on the site of the former engineering school in Maasmechelen, by the entrance to the "Hoge Kempen" natural park.

Designed by PCP Architects (Ghent), the complex offers alternating volumes, roof angles, shapes, and materials, giving each one an individual identity while discreetly recalling the site's industrial history.

So the contemporary lean-to roofs are reminiscent of the typical workshop shed. The brown PIGMENTO® pre-weathered zinc exteriors give the building identity and visual unity contrasting with the brick facade.

The choice of this pre-weathered texture and colour that catches the light reflects the architect's desire to make the industrial landscape warmer.

Standing seam installation in random widths follows the same logic, offering a less austere, more design-focused reading of the building.

The result is an elegant harmony between evoking the community's industrial past and a balanced contemporary design. Belgium - Maasmechelen Communal and individual housing Citerra Architect PCP Architects

 Contractor
 Algemene Dakwerken Vallé

 Technique
 VMZINC®Standing seam

 Aspect
 PIGMENTO®brown

 Surface
 1,100 m²

 Copyright
 Jump pictures







The secret to fitting in

How should a residential building express itself? Should it be ordinary and blend into the urban fabric? Or, on the contrary, should it stand out from it? Even though it risks adding to the ambient noise where each building in the city is crying out to establish its individuality.

In the case of a housing project, architects' hearts are often torn between the neutral and the spectacular. This project by the building owner Roger Meier exists halfway between these two options.

The project consists of about 15 flats in a suburb of Zurich that was built in the 1920s. It features many independent residential buildings. The buildings are detached from the adjoining buildings.

The project divides the build into two identical blocks with large windows and corner windows offering inhabitants views in both directions.

The metal skin in zinc applied to the façade makes it a project that could be described as "discreetly exceptional" - the perfect oxymoron.

A partner in a cladding company, the building owner asked his team to create a spectacular effect from an elementary element, an oblong hexagon folded on its longest diagonal. Four vertical slots fit the pieces together in a staggered pattern.

Assembling these 14,000 pieces on the façade produces a luminous vibration heightened by the sun's reflections.

Using a specific PIGMENTO® green and PIGMENTO® grey aspect for each block further enhances the effect. How did the architects develop this unusual exterior reminiscent of the wooden shingles on mountain chalets?

The explanation goes back to the designer's childhood memories. When researching a brand-new device, the designers recalled childhood memories of playing with toy building blocks that used circular pieces slotting together with two notches at 90°.

Yet another reason to encourage early learning through manual activities and play as inspiration for creative minds.

Residential building	
Architect	Menzi Bürgler Kuithan Architekten
Contractor	Carl Meier Sohn AG
Technique	VMZINC [®] Special shing
Aspect	PIGMENTO® grey,

Switzerland - Zürich

shingles PIGMENT0[®] green Surface 1,000 m²

Copyright Paul Kozlowski



14







In the light city

At the foot of the Montparnasse tower, the northern part of the Plaisance district does not really match the traditional image of Paris. Renovated in the 1970s and 1980s, it alternates between tower blocks and paved areas connected by post-modern walkways suspended over canyon-like streets.

It is a confusing and chaotic world, where Haour's project tries to bring some sense of reorganisation and calm as much as possible. The programme comprises two hotels and a housing complex, three units facing different streets and operating independently.

The most symbolic part of the project is the Drawing Hotel on the corner of a major thoroughfare between Rue Jules Guesde and Rue Vercingétorix. Its nine floors emphasise the imposing effect of its corner position.

The minimum separation distances, geometric rules dictated by the neighbouring buildings in line with urban regulations sculpt the hotel's complex volume. The architects used these constraints to enhance the project. Rather than applying the rules to the letter, they sculpted the entire building to make it lighter and more in tune with its neighbours. The top two floors are set back to give the building a more urban character. Slants and steps gently anchor the building in its environment and help the main entrance stand out.

In these busy surroundings made of mirrored glass, tiles, and faux-stone deactivated concrete, a light colour imposes. The AZENGAR® cladding follows the hotel's volumetric inflexions to the centimetre.

Nothing is duller than the same repeating windows, especially on a building of this size. Windows in wider zinc frames generate variation in the composition.

A very Parisian material, zinc is also found on the courtyard side as a landscape for visitors to contemplate from the patios and breakfast rooms.







PUBLIC BUILDINGS

Softening the edges

Although zinc gives the five buildings of the Sotto-il-Monte primary schools genuine nobility, the lines of the standing seam facades could have made them look rather austere.

To soften them, AIACE architects (Milan) and ARPOSTUDIO (Bergamo) eliminated the sharp edges using curved lines between the roof and the façade. Similarly, they created a set of diagonal lines to break up the verticality of the building.

Finally, they emphasised this variation in design by alternating claddings and colours: QUARTZ-ZINC[®] and PIGMENTO[®] red and green. A great demonstration of what a standing seam installation can do.

Italy - Sotto il Monte Giovanni XXIII Elementary school		
Architects	ARPOSTUDIO S.R.L.	
	AIACE S.R.L., ING S.R.L.	
Installer	V.B.C. di Suppa Antonio	
Technique	VMZINC [®] Standing seam	
Aspects	QUARTZ-ZINC [®] , PIGMENTO [®] red,	
	PIGMENTO [®] green	
Surface	1,700 m ²	
Copyright	Piermario Ruggeri	





PUBLIC BUILDINGS

Smooth exteriors

The C-shaped A Estrada health centre is built around a courtyard from which the other hospital departments flow.

The centre's different activities are reflected on the facades. There is a lot of glass and light on the reception side; the exterior is darker with more prominent windows.

Architect Manuel Vazquez Muiño chose a diagonal installation of QUARTZ-ZINC[®] coverings to provide flow for the most visible facades. The arrangement of some windows in staggered rows enhances the resulting effect; their shadows change with the sun to bring the exteriors to life. **Spain - Pontevedra** Health Centre A Estrada

ArchitectMaContractorReTechniqueVNAspectQLSurface1,8CopyrightRe











N°19 FOCUS ON ZINC

Metropolitan vortex

Flow and mobility characterise major cities and separate them from smaller urban areas. The metropolitan space puts the economy, information, customs and people in motion in a never-ending maelstrom described by Italian Futurist artists from the 1910s onwards.

Between the road and the Huangpu River, the new ferry terminal is at the heart of natural and artificial flows in a metropolis of 26 million people.

Its architects went beyond simply responding to a need; they wanted to design a project that would accompany and influence movement at different levels, from person to ferry and everything in between.

Several influences guided the design, the strongest being that of futurist artist Umberto Boccioni and his sculpture of a walking man, his clothes distorted and reshaped by the wind (1). Ovoid in plan view and streamlined in elevation, the terminal pays tribute to the speed of cities and adapts to life's acceleration that futurists had raised to a cult level.

Although it looks back to the art of the 20th century, the terminal is fully established in our time, calling for more urban amenities and diversity. The building combines three operations – a ferry terminal, a cruise terminal and a tourist information centre.

It shares the river bank with a river park, giving an urban area long reserved for industrial activities back to residents.

Playing with routes, changes in levels and a network of ramps, the project creates an organised and balanced coexistence for the three functions, preserving a sense of continuity with the major river facilities. The topological tangle of ramps achieving this feat is in the lower part of the building, made of concrete and topped by an imposing zinc roof. Passers-by can move through the building without disrupting the boarding process and enjoy the panoramic view of the river from the first level of the facility.

The material's flexibility made it possible to cover the oval surfaces of the gigantic atrium in the centre of the building, appearing as a circle or a parabola, depending on the side from which you approach it.

The zinc panels' width dictated the roof's scale and design, comprising unique trapezoidal elements drawn using parametric modelling tools. A stream of mathematical data has been translated into a single spatial ribbon.

(1) Forme uniche della continuità nello spazio, 1913

China - Shanghai Ferry Terminal and Tourist Information Centre

 Architect
 Archi-Union Architects

 Technique
 Zinc honeycomb

 Aspect
 ANTHRA-ZINC®

 Surface
 3,600 m²

 Copyright
 Wongke







And in the middle is a school

The extension to the Holmegårdsskolen school in Hvidrove in Denmark borrows its geometry and primary material, brick, from the original 1940 building.

The new building maintains this continuity in its design. Still, it has new architectural elements such as flat roofs and larger glass areas facing the sun and focuses on the use of space.

Sustainable, low-maintenance materials were used for ecological reasons and to generate savings for both construction and operation. Recycled bricks illuminate the exterior and zinc roofing rather than the original tiles create a contemporary look. The school is the only large building in this neighbourhood of single-family homes. It plays a central role, giving residents access to sports facilities and an auditorium.

The designers from JJW Arkitekter paid particular attention to traffic flows around the building and limiting their impact on the neighbouring houses.

Of course, everything has been designed for students and teachers to create a modern, future-proof place of learning.

Denmark - Hvidovre Holmegårdsskolen school		
Architect	JJW Arkitekter	
Contractor	Finn Vindahl Andersen,	
	VVS-Entreprise A/S	
Technique	VMZINC® Standing seam	
Aspect	QUARTZ-ZINC®	
Surface	2,000 m ²	

Kirstine Mengel

Copyright







Railway inspiration

The architecture of 19th-century railway stations is the inspiration behind the new head office of public transport that sits beside the tracks of Hässleholm station in Skåne county in Sweden.

The architects Johan Ahlquist and Andreas Svenning from Sweco in Malmö have created a successful contemporary version with large gable windows and standing seam zinc cladding to cover the roof and facades down to the stone facing on the ground floor. The architectural expression is a continuation of the thoughts behind the whole area.

The choice of pre-weathered QUARTZ-ZINC[®] gives this building an elegant simplicity. While the architectural ambition is to integrate

the new three-storey building into this industrial district perfectly, the challenge is also to play a role in its modernisation.

The design is part of this, as is the modular interior adapted for different activities.

Solar panels on the roof contribute to the overall expression of an energy-efficient building. It has been awarded national environmental certification.

Named Norra Station M4, the building is home to 300 Skånetrafiken employees and has technical workshops and storage areas.

It covers 4,500 m^2 and is helping to make Hässleholm a vital and contemporary city in southern Sweden.

Sweden - Hässleholm Norra Station M4

ArchitectSweco ArchitectsContractorEveröds Plåtslageri ABTechniqueVMZINC® Standing seamAspectQUARTZ-ZINC® PLUSSurface3,600 m²CopyrightFotograf Bosse Lind AB





Overflowing nature

Between warehouses and factories, the "Jungle Lofts" by ARX Arquitectos Studio (Lisbon) illustrate the renewal of the industrial district of Marvilla to the east of the city centre on the north bank of the "Rio Tejo".

While several buildings on the street side retain some of the original plastered masonry exteriors, a new construction set back from the original building tops the upper floors.

The architects wanted to cover the new parts of the development with standing seam and sine wave panels in PIGMENTO[®] red to demonstrate these two timelines. These smooth and undulating finishes give

the building its contemporary character, while its natural colour contributes to the urban and industrial context of the area.

It was initially planned to do the same on the garden side, but for consistency, the zinc cladding was extended to the existing building, windows, balconies and landscaped patios.

The choice was clever as the uniformity and balance of colour with the overhanging plantations overlooking the garden, which surround the chimneys covered in PIGMENTO® green, give full meaning to the name of this development: "Jungle lofts".









COMMERCIAL BUILDINGS

Urban projection

With its ten cinemas and six restaurants, the East Square leisure complex in Basildon in Essex is part of an ambitious master plan to restore the town centre's appeal by creating daytime and evening entertainment and dining opportunities.

Partly inspired by the city's artistic past, when Basildon was known for its 1960s ceramic murals, the building also evokes the modern edge of digital images.

The set of multicoloured hexagonal cassettes designed by Pollard Thomas Edwards' architects in London evokes

the shape of coloured pixels in the digital images projected on the cinema's screens. This combination of four surface coverings - AZENGAR®, ANTHRA-ZINC®, QUARTZ-ZINC®, GOLD lacquered zinc - and two types of installation - MOZAIK® cassettes and hexagonal shingles - on some 4,000 m² of facades creates a playful and dynamic effect. A future image is coming into view.

The irregularity of the facade's upper edge is a good illustration of the city's urban renewal project; it seems to show that the city's future is still being constructed and rewritten in this very place.

United Kingdom - Basildon Cinema

 Architect
 Pollard Thomas & Edwards

 Techniques
 VMZINC® Shingles, M0ZAIK®

 Aspects
 AZENGAR®, GOLD lacquered zinc, ANTHRA-ZINC®, QUARTZ-ZINC®

 Surface
 4,000 m²

 Copyright
 Paul Kozlowski











PUBLIC BUILDINGS

Flying carpet

The increase of public transport development has highlighted the pivotal role of Delhi's railway station. Already used by 450,000 passengers a day, its connections with the new metro and the airport make it a multi-modal hub organising the flow of passengers to local and international destinations.

The railway networks and widely-dispersed transport systems made connections difficult and time-consuming. The pedestrian bridge designed by STUDIO ISA makes these interconnections easier, often hindered by many cuts and interruptions.

A genuine link, the new pedestrian bridge makes urban journeys on public transport more accessible and unblocks connections with road transportation.

New urban planning thinking requires pedestrian bridges to be more than merely utilitarian. In New York, as in New Delhi, these structures must be user-friendly and create a local buzz.

The bridge draws its inspiration from tradition and serves the modern metropolis's transportation needs. It evokes the Jantar Mantar, a 16th-century park with strange constructions designed for astronomical observation.

Steel box girders spanning 28 metres support the pedestrian walkway. An aluminium exoskeleton detached from the base, giving the impression that the bridge is floating in the air.

Zinc scale cladding protects passengers from the sun or heavy rain in the Indian capital. Zinc is a light material and can withstand corrosive elements in the local atmosphere.

As well as drawing on tradition for inspiration, Studio ISA used the latest digital design tools to design this three-dimensional structure that opens onto the metropolitan landscape.



	\ \
Architect	Studio ISA
Contractor	Heritage Marketing
Techniques	VMZINC [®] Shingles,
	VMZINC [®] Standing seam
Aspects	QUARTZ-ZINC [®] , PIGMENTO [®] r
Surface	5,370 m ²
Copyright	Gitesh Gupta, Studio BluOra

ed



32





The future is written in Orange

Whether it's in the playful approach in the building's reception and leisure areas or a reference to the roof tiles on the neighbouring houses, PIGMENTO® Orange unquestionably gives the new Germaine Tillion school in Chennevières-sur-Marne some unique signage.

The choice of coloured zinc for the 5,500m² of roofs and exteriors clearly identifies the public facility in a suburban neighbourhood undergoing profound change.

Designed by Archi5 (Montreuil), the 12-classroom complex with a school canteen, play centre

and multi-purpose hall is the starting point of a large-scale public utility infrastructure project which should eventually bring together other districts of the town.

Picking up on the surrounding vocabulary of sloping roofs and detached houses, the designers wanted to give the school the appearance of a large farm with origami zinc roofs and zinc or brick facades.

That way, it keeps a trace of the existing urban fabric in the new architecture while already creating contemporary lines—the beginnings of a new future.

 France - Chennevières

 School group and multipurpose hall

 Architect
 Archi5

 Contractor
 Joly

 Technique
 VMZINC® Standing seam

 Aspect
 PIGMENTO® Orange

 Surface
 5,500 m²

 Copyright
 Paul Kozlowski







PUBLIC BUILDINGS

Cardinal point

Far from the original 1967 building, the renovation and extension of Edmonton's Stanley A. Milner Library open up new perspectives, and circulation flows between the building's interior and the prominent architectural elements of the city centre.

With its large glass windows designed by Teeple Architects and Stantec that entice visitors into the reception and reading areas, the building is a haven for knowledge and sharing.

Even before refurbishing the interior, the main challenge of this project was to replace the old prefabricated exterior panels with a new, more efficient envelope.

The design, made of curves and inclined planes, and the desire for a fluid transition between roofs and facades meant choosing AZENGAR[®] zinc.

Beyond its lightness and eco-designed surface technical characteristics and its lightest possible matt colour aesthetic, the material reminds us of other emblematic buildings in this central district. It establishes the library in its urban environment even further, making it one of the city's new cardinal points.





Canada - Edmonton Stanley A. Milner Library

Architects Teeple Architects in association with Stantec Contractor Clark Builders Metals Technique VMZINC® Standing seam **AZENGAR®** Aspect Surface around 10,000 m² Copyright Andrew Latreille



COLLECTIVE HOUSING

Zinc on every floor

Manchester's CRTKL + JM Architects designed the three blocks of five, six and ten storeys with their 213 flats.

No less than three finishes - ANTHRA-ZINC®, PIGMENTO® Grey, and GOLD lacquered zinc - and three installation systems - Standing seam, Interlocking and MOZAIK® panels - were used.

Here, using different colours and techniques on the exterior aims to generate a less uniform unit by dividing the mass of the building into several less imposing elements.

The low-pitched roofs in front of larger ones follow the same logic. The design is inspired by the characteristic warehouses of this former industrial area of Manchester, as is the GOLD zinc entrance that recalls the gables and doors of loading warehouses.

Like other recent developments by the same social housing provider, Manchester Life, the Lampwick Quay scheme is part of a significant, exemplary urban transformation project.

Now an attractive place to live, the New Islington Marina has kept the essence of the city's industrial past and its architectural vocabulary in its walls.

United Kingdom - Manchester "Lampwick Quay" Residence

Architects	CRTKL & JM Architects
Contractor	Longworth Building Services Ltd 🔪
Techniques	VMZINC [®] Interlocking panel,
	VMZINC [®] Standing seam, MOZAIK
Aspects	PIGMENTO [®] Grey, ANTHRA-ZINC [®] ,
	GOLD lacquered zinc n°691
Surface	10,000 m ²
Copyright	Paul Kozlowski









Colours of zinc

















- з

- France, Onet le Château Individual house Ecoumène Architecture Aspect: Midnight black
 France, Massy Collective housing Archi 5 Aspects: PIGMENT0® beige, PIGMENT0® brown, PIGMENT0® red
 Bulgaria, Sofia Individual house Sivilarkitekt Espen Surnevik AS Aspect: PIGMENT0® red
 Turkey, Rize Hotel Norm Architects- Aspect: PIGMENT0® blue
 France, Louviers Gymnasium L'Atelier de Saint Georges Aspect: GOLD Lacquered zinc n°691
 France, Avon Media Library Mu Architecture Aspect: White stone lacquered zinc
 France, Marcillac Community house Coco Architecture Aspect: PIGMENT0® red
 United Kingdom, Felixstowe Coffee shop Plaice Design Company Aspects: QUARTZ-ZINC® PLUS, PIGMENT0® blue PLUS, QUARTZ-ZINC®, PIGMENT0® blue

VMZINC



VMZINC® - 11/2022 - 22016 - EN - 15,300 ex - ISSN 1769-9002

PRESENT IN OVER 30 COUNTRIES

info@vmbuildingsolutions.com www.vmzinc.com

ARGENTINA | Korzin s.a.c.i. | Tel. : + 54 11 4653 1425 | www.vmzinc.com AUSTRALIA / NEW ZEALAND | VM Building Solutions Australia | Tel. : + 612 93 58 6100 | www.vmzinc.com.au | www.vmzinc.co.nz AUSTRIA I VM Building Solutions Deutschland GmbH I Tel. : + 43 664 5147284 I www.vmzinc.at BALTIC COUNTRIES I VM Building Solutions Polska Sp z o.o. I Tel. : + 48 22 632 47 61 I www.vmzinc.lt BELGIUM / LUXEMBOURG I VM Building Solutions nv I Tel. : + 32 9 321 99 21 I www.vmzinc.be I www.vmzinc.lu CHINA I VM Building Solutions (Shanghai) Co., Ltd. I Tel. : + 86 21 5876 9671 I www.vmzincasia.com CZECH REPUBLIC / SLOVAKIA I VM Building Solutions CZ s.r.o. I Tel. : + 420 721 442 444 I www.vmzinc.cz DENMARK I VM Building Solutions Scandinavia A/S I Tel. : + 45 86 84 80 05 I www.vmzinc.dk FRANCE I VM Building Solutions sas I Tel. : + 33 1 49 72 41 50 I www.vmzinc.fr GERMANY I VM Building Solutions Deutschland GmbH | Tel. : + 49 201 836060 | www.vmzinc.de HUNGARY I VM Building Solutions Hungary Kft. I Tel. : + 36 23 452 452 I www.vmzinc.hu INDIA I VMZINC India Pvt Ltd I Tel. : + 91 22 6225 3400 I www.vmzinc.in ITALY I VM Building Solutions Deutschland GmbH I Tel. : + 39 02 47998202 I www.vmzinc.it JAPAN I VM Building Solutions UK I Tel. : + 44 01992 921 300 I www.vmzinc.com MIDDLE EAST / NEAR EAST / NORTH AFRICA / GREECE I VM Building Solutions UK I Tel. : + 44 01992 921 300 I www.vmzinc.com NETHERLANDS I VM Building Solutions nv I Tel. : + 316 5104 87 49 I www.vmzinc.nl NORTH AMERICA I VM Building Solutions USA Inc. I Tel. : + 1 919-296-8868 I www.vmzinc-us.com NORWAY I VM Building Solutions Scandinavia A/S I Tel. : + 47 922 50 796 I www.vmzinc.no POLAND I VM Building Solutions Polska Sp z o.o. I Tel. : + 48 22 632 47 61 I www.vmzinc.pl PORTUGAL I VM Building Solutions Ibérica, S.L. I Tel. : + 351 914 680 333 I www.vmzinc.pt SOUTH KOREA | Sunnie International Ltd. | Tel. : + 82 2-3141-4774 | www.vmzinc.kr SPAIN I VM Building Solutions Ibérica, S.L. I Tel. : + 34 93 298 88 80 I www.vmzinc.es SWEDEN I VM Building Solutions Scandinavia A/S I Tel. : + 46 73 656 04 22 I www.vmzinc.se SWITZERLAND I VM Building Solutions Deutschland GmbH I Tel. : + 41 31 747 58 68 I www.vmzinc.ch TURKEY I VM Building Solutions UK I Tel. : + 44 01992 921 300 I www.vmzinc.com.tr UNITED KINGDOM/ IRELAND I VM Building Solutions UK I Tel. : + 44 01992 921 300 I www.vmzinc.co.uk I www.vmzinc.ie

