

Timeless beauty with zinc

NedZink inspiration book

NedZink

THINK
ZINK



Our promise to the planet.

At NedZink, we want to take responsibility for making the world a better place. That's why we're not only reducing our carbon footprint and using renewable energy, we're also taking a step back and looking at how we can contribute to global sustainability goals. The following initiatives show how we plan to achieve our objectives, which are inspired by those of the United Nations. They illustrate how we're making a contribution in practice. All the sustainability initiatives we have developed and will implement in the future focus on four sustainability promises. This ensures we continue to work towards increased sustainability.

People | Process | Product | Planet

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NL Amsterdam

Office Building & Apartments

NedZink NOIR Window flashing

Amsterdam's Jonas building has been named BNA Best Building of the Year 2023 by the professional jury. The winning building was designed by Orange Architects and, according to its 'creator', is very sustainable, both technically and socially. That's thanks to the chosen materialisation, including the imposing zinc NedZink NOIR façade cladding. "The building is located in a very maritime location. Our goal was to create a bold and sturdy building on this headland that suits the location by the water", says Jeroen Schipper, founding partner of Orange Architects. "So we were immediately charmed by the dark, pre-weathered NedZink NOIR zinc. Approaching the building, increasingly intricate details emerge on the zinc façade. In my opinion, that is precisely what makes architecture so interesting: the closer you get, the more you see something new. Choosing NedZink NOIR is also a sustainable choice. After all, the zinc is one hundred percent recyclable and is produced locally in the Netherlands."



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Approaching the building,
increasingly intricate details
emerge on the zinc façade.



A beautiful result with fine detailing.

NL Elst

Barn house

NedZink NOVA Standing Seam System

This modern semi-detached house in Elst is a unique project idea by Huibers Bureau for Architecture from Dodewaard that juxtaposes natural materials to enhance their mutual qualities. The beautiful patina of the NedZink NOVA Standing Seam bays combines perfectly with both the large windows and dark frames on the garden side and the wooden slats and brick exterior wall at the front. The technical challenge here is in the watertight connection between the zinc and the glass windows, to allow the water to drain properly. The technical solution lies in a long, hidden gutter combined with a short gutter around the windows. The width of the prefabricated NedZink NOVA Standing Seam bays is fully aligned with the window frames.



NL Ootmarsum
Private House
NedZink NOIR
Standing Seam System



USA Midvale
Office Building
NedZink NEO Pro-Tec
Standing Seam System



BE Ename
Apartments
NedZink NOIR
Standing Seam System



BR Campo Grande
Aquarium
NedZink NOVA
Standing Seam System

NL Veghel

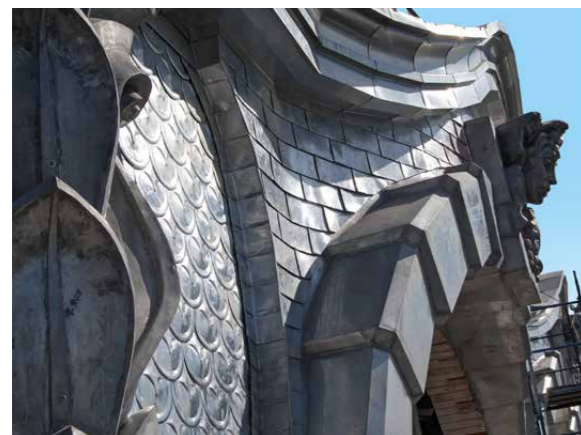
Barn House

NedZink NOVA Standing Seam System

This imposing new barn house in Veghel immediately catches the eye with its playful interplay of lines. The entire roof and façades are clad from ground level to the ridge with different widths of NedZink NOVA Standing Seam bays, applied on a ventilated wooden substructure – a bright idea from Compen Architects from Eindhoven. "Thanks to the 'random' distribution of three widths of NedZink NOVA Standing Seam bays, the playful interplay of lines and colours is endlessly entrancing." The house is energy-neutral with an in-roof PV system. The solar panels are aligned with the zinc roof, while the Standing Seam bays connect seamlessly with the PV system.

NedZink NOVA's playful interplay of lines is endlessly entrancing.





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UA Odessa

Bolshaya Moskovskaya Hotel

NedZink NATUREL
Lozenge System





NL Amsterdam

Theater Carré

NedZink NATUREL Roll Cap System

The famous Royal Theatre Carré on the Amstel in Amsterdam shines again. The renewed zinc Roll Cap System with tight vertical bays of NedZink NATUREL – a design by GGH Architects from Amsterdam – restores the ‘grande dame’ to her former glory. The Carré’s arched roof has a ventilated, fire-resistant timber substructure with an air cavity from gutter (bottom) to ridge (top). The resulting natural ventilation prevents the NedZink NATUREL from condensing on the inside. The curvature of the roof required using the “German roll cap technique”. An upstand was installed on the bays with two inward folds. Over this, a Roll Cap of NedZink NATUREL was laid, following the curvature of the roof. The result is simply beautiful, and the Carré can continue to delight future generations, safe in the knowledge that its roof will stand the test of time.

Iconic ‘grande dame of theatre’
roof restored to its former glory
with NedZink NATUREL.



From sloping brickwork
to a NedZink NOVA
Standing Seam System
façade.

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NL Doetinchem

Theatre Amphion

NedZink NOVA Standing Seam System

The new Amphion Theatre in Doetinchem opened its doors in 2010 and quickly lived up to its impressive exterior: it has been named Theatre of the Year four times. However, the arts venue has had less luck with the sloping brick façade, which caused several structural problems. After a productive consultation, the decision was finally taken to replace the brickwork with a NedZink NOVA Standing Seam System. Unlike many artificially coloured materials, which tend to deteriorate with age, zinc has a beautiful ageing process. The material actually becomes more and more beautiful and brings the façade to life thanks to subtle nuances in colour. Different widths of vertical NedZink NOVA Standing Seam bays were used for optimal integration between the existing window frames, which were retained from the initial design, resulting in a playful aesthetic façade.



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CZ Strakonice

Public Transport Terminal

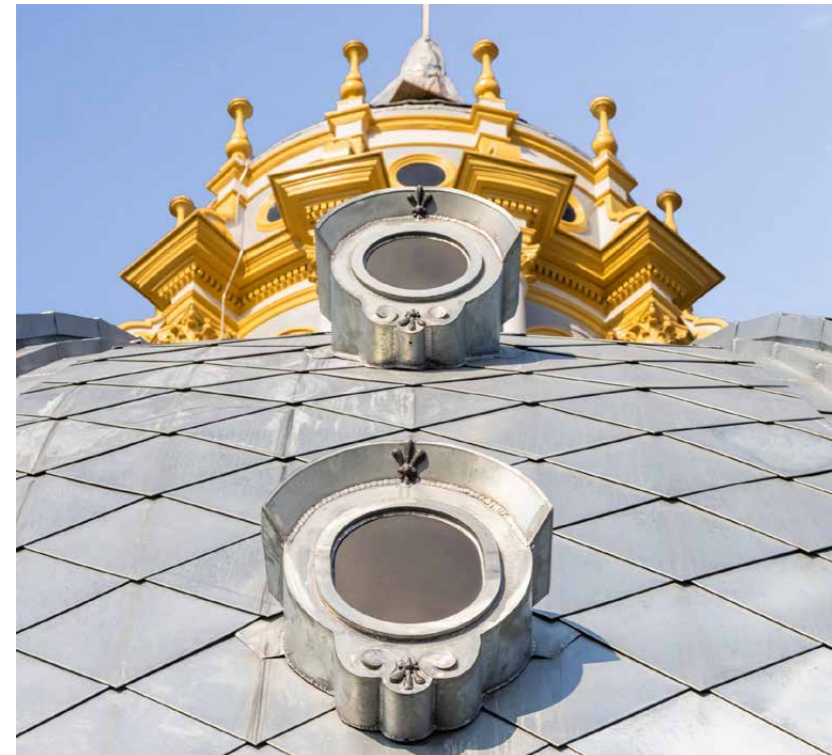
NedZink NOVA Standing Seam System

The modern Public Transport Terminal in the southern Czech town of Strakonice was designed as part of an effort to bring greater beauty to the city and provides an excellent connection between different modes of transport – bus, train and car. Its approximately seventeen-hundred-square-metre canopy in NedZink NOVA protects travellers from the elements. The pre-weathered titanium zinc corresponds perfectly to the chosen ceiling cladding. Special attention was paid to drainage, for which a creative technical solution was devised in the form of a concealed gutter. Snow barriers, ventilation elements at the ridge of the roof and the 'Strakonice' sign on the roof have also been designed to spark the imaginations of onlookers. The building has impressed both travellers and the design industry, having already won several awards, including the 'most prestigious structure in the southern Czech Republic'.

An approximately 1,700 m² canopy
in NedZink NOVA protects travellers
from the elements.



Restoration to the highest standards.



NL Oudenbosch

Chapel St. Louis

NedZink NATUREL Lozenge System

St. Louis Chapel in Oudenbosch is over one hundred and fifty years old. As with many monuments of such a respectable age, wood rot, old or faded layers of paint, pollution and decaying materials were starting to play tricks on both the building structure and its ornamental elements. For decades, bitumen roof shingles and zinc roofing served to protect the nave and apse, the rear part of the chapel, from deterioration and decay, a task they could no longer perform properly after so many years. It was high time for restoration. To the highest standards. There could be no underestimating the level of the requirements: the complete restoration had to meet the execution guidelines of ERM (monument restoration care) and the quality requirements of KOMO. For the zinc work on the dome and the apse this meant, among other things, the use of certified and high-quality products, the correct fastening materials, guaranteed quality of the soldering and perfect alignment of the zinc roof work. It was a tough job, given the complex and sometimes extreme detailing, but with a beautiful end result.





NL Berkel en Rodenrijs

Private House

NedZink NATUREL
Standing Seam Vertical System



NL Andel

Private House

NedZink NOIR
Standing Seam System

The vertical NedZink NOVA Standing Seam System was professionally installed, offering residents the pleasure of a perfectly sleek roof.

NL Weert

Private House

NedZink NOVA
Standing Seam System

This modern, new-build house in Weert is in complete aesthetic harmony thanks to the combination of white plastered exterior walls, anthracite-coloured bricks, dark window frames, red cedar plank profiles and the beautiful patina of NedZink NOVA. Grimbergen Architects of Nederweert did an excellent job of translating the client's wishes into a beautiful design. The vertical NedZink NOVA Standing Seam bays are professionally installed, offering residents the pleasure of a perfectly sleek roof. The beautiful zinc colour is uniform, turning the heads of passers-by too.



A beautiful NedZink NATUREL 'hat'.

NL Schagen

Office Building

NedZink NATUREL Standing Seam System & Lozenge System

It's certainly surprising – the pointed roof of the office building in Schagen, an unusual design by Buro Architect W. Schagen of Nieuwe Niedorp. The shiny 'hat' is completely covered with NedZink NATUREL. By covering the upper part of the roof with a horizontal Lozenge System and the lower part with vertical NedZink NATUREL Standing Seam bays, there is a clear transition from high to low. The Lozenge System and Standing Seam System are prefabricated and fastened to a ventilated wooden substructure. Because no two bays of the Standing Seam System are the same and are also tapered, they are evenly distributed over the roof. The great thing about NedZink NATUREL is that it discolours beautifully over time thanks to the natural patina.



NL Budel

Private House

NedZink NATUREL Lozenge System

In the North Brabant town of Budel, there is a unique villa. At first glance, the home appears solid and imposing. A closer look, however, reveals a graceful and playful object with arched and staggered roofs. This special design comes from Hertroijs Architecten from Valkenswaard. The materials alone are striking: natural stone, oak beams and tightly fitted NedZink NATUREL Lozenges combine beautifully. Meanwhile, the curves of the thousand-square-metre roof represented the greatest challenge. The NedZink NATUREL lozenges are perpendicular, but there are no right angles: everything is round. The solution was in the cutting, fitting and measuring. In total, more than six thousand prefabricated lozenges are attached to the roof using a hook system. They provide a fascinating interplay of lines that beautifully accentuates the arched roof.



NedZink NATUREL lozenges accentuate the arched roof.





BE Hasselt

City Hall

NedZink NOVA Standing Seam System

Hasselt's municipal offices consist of a new seven-story building and the renovated old gendarmerie barracks. The future of the monument, which, among other functions, accommodates a council chamber, was thus secured. In terms of sustainability, the city of Hasselt went far beyond the legal standard. The sloping roofs were all equipped with a NedZink NOVA Standing Seam System, totalling thirteen hundred square metres. In addition, the eighteen dormers, seven ox-eye windows and more than nine hundred linear metres of gutter construction were also carried out in NedZink NOVA. In a remarkable design feature, the zinc roof structure has been made visible from several angles. Not only is there a view of the beautiful roof from the adjacent buildings, but it can also be admired through the sloping mirror wall of the new building, which the NedZink NOVA regularly reflects – an eye-catching design for the new Hasselt City Hall.



NedZink NOVA roof
for Hasselt City Hall.

NL Dubbeldam

Private House

NedZink NOVA Roll Cap System

A contemporary, rural energy-neutral house is located in a beautiful location on the outskirts of Dordrecht. The private house consists of two identical main forms with a contrasting interpretation: a thatched roof and a roof made from zinc. The villa has been meticulously fitted into the rural surroundings by architectural firm Casa Ratsma. Both the thatch and the NedZink NOVA Roll Cap System give the villa a highly artisanal character. The fact that the Roll Cap System is executed in extremely long lengths makes the zinc roof particularly special. The pre-weathered NedZink NOVA has a beautiful matt/gloss finish and immediately lends the house an air of sophistication. Because of the substantial size of the roof, a Roll Cap System was preferred to a Standing Seam System with generally finer detailing. The plan to install the roofing bays in a single length turned out to be a technical challenge, since a Roll Cap System is usually limited to a length of six metres. However, an inventive method was developed for producing the Roll Cap System up to ten metres in one piece, taking into account a larger expansion coefficient and a different fastening pattern.



The pre-weathered NedZink NOVA has a beautiful matt/gloss finish and immediately lends the house an air of sophistication.



AU Bronte
Private House
NedZink NEO
Standing Seam System



BE Nieuwmunster
School
NedZink NATUREL
Lozenge System



NL Stiphout
Private House
NedZink NOVA
Standing Seam System

NATO HQ

NedZink NOVA Pro-Tec Standing Seam System

The NATO headquarters in Brussels has the largest zinc roof in Europe. The roof covers an area totalling no less than thirty-five thousand square metres of NedZink NOVA Pro-Tec Standing Seam System in what appear to be unmanageable lengths of 26 metres. It was a challenging project in many ways, designed by the American firm Skidmore, Owings & Merrill (SOM), which counts the Burj Khalifa in Dubai and the Time Warner Center in New York among its projects, in collaboration with ASSAR Architects of Belgium. The wedge-shaped headquarters consists of eight wings, each two hundred metres long and eighteen metres wide, featuring an arched zinc roof. The seven intermediate sections above the connecting section, the thirty-eight-metre-high agora, also have roofs made from NedZink NOVA Pro-Tec Standing Seam bays. The roof structure consists of a steel deck with profiled sheets applied as the supporting structure beneath a one-hundred-millimetre layer of Foamglas topped with the NOVA Pro-Tec Standing Seam bays. Quality and service always come first at NedZink. This special project involved meeting very high standards for both product and process quality. As such, the Brussels NATO HQ represents a major recognition of NedZink's standing within the industry. It has taken NedZink to an even higher level.



© DEFENSIE - Michael Moors

The Brussels NATO HQ represents a major recognition of NedZink's Standing.



© DEFENSIE - Michael Moors

NL Roermond

Office Tower

NedZink NATUREL Standing Seam System

The beautiful 62-metre-high Natalinitower: the clean lines of two conical spires in NedZink NATUREL rise gracefully from the brick towers beneath. The designer is the famous Italian architect Adolfo Natalini. Because Natalini prefers sustainable materials full of character, the choice of zinc was obvious. Not only does zinc undergo a wonderful change of appearance after a few years, from bright and shiny to a rustic matt grey patina, but the material also forms a perfect contrast with the sturdy brick towers. The zinc standing seam bays on both 25-metre-high spires taper towards the top, creating taut lines in a fine example of craftsmanship.

The people of Roermond can continue to be proud of 'their' tower with its clean, refined lines in decades to come.

Not only does zinc undergo a wonderful change of appearance after a few years, but the material also forms a perfect contrast with the sturdy brick towers.



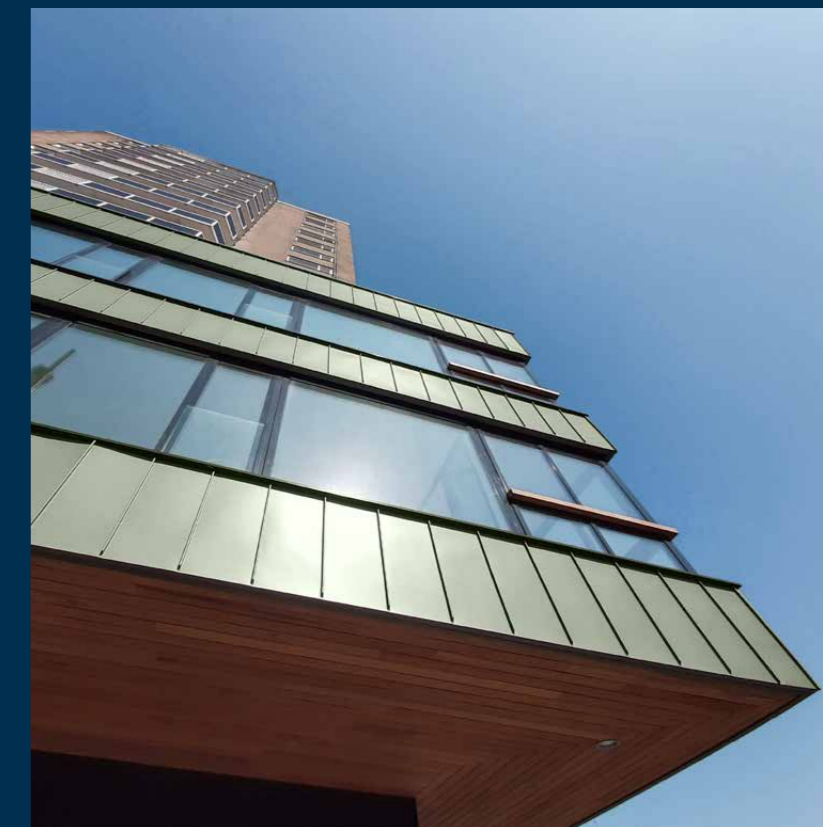
Installation details emphasise the special colour of NedZink NUANCE Green.

NL Haarlem

Office Building

NedZink NUANCE Green Standing Seam System

With the complementary façade cladding for the vertical window sections of this Haarlem office, Bets and Oudendorp Architects from Amsterdam made a striking choice: NedZink NUANCE Green. The uniform green façade profiles were applied extremely tightly to a ventilated wooden substructure. The collaborating parties in the construction team were given all the space they needed for their technical craftsmanship. And it shows. The façade profiles are tightly attached to each other with double seams. Thanks in part to the specific installation details, the unique colour of NedZink NUANCE Green is fully expressed.

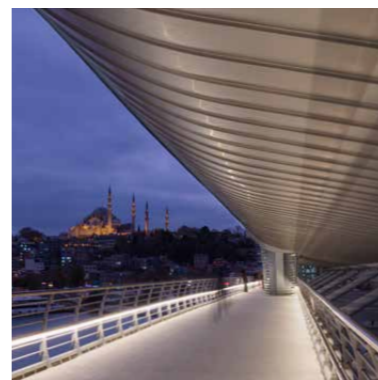




BE Lede
Apartments
NedZink NOIR
Standing Seam System



KR Yeosu City
Dam
NedZink NATUREL & NOVA
Lozenge System



TR Istanbul
Haliç Bridge
NedZink NOVA
Standing Seam System



DE Hamburg
School
NedZink NATUREL
Standing Seam System

DE Stuttgart

Sports Hall

NedZink NOVA Standing Seam System & Lozenge System

The sports hall in Germany's Stuttgart Riedenberg provides space for numerous sports activities. Sustainable and innovative building materials were central to the design. For example, architecture firm Cheret & Bozic used truss beams made of laminated hardwood for the roof structure. The shed roof made of pre-weathered titanium zinc NedZink NOVA is also particularly durable. The ventilated roof structure is technically very sophisticated. This is because the segmented roof surfaces required several mitre angles. Both large lozenges in NedZink NOVA and Standing Seam bays were used at the PV installation site. Water drainage is not visible from the outside and consists of large internal gutters. To prevent the accumulation of snow and ice in the gutter, an additional gutter heater was even installed. The sports hall is a perfect example of how sustainability, visual integration into the environment and high-quality building materials have been combined.



The shed roof made of pre-weathered NedZink NOVA is particularly durable.



ZA Hermanus

Penthouses

NedZink NOVA Standing Seam System & Lozenge System

The Station Square building is located in the heart of Hermanus, a coastal town southeast of Cape Town in South Africa's Western Cape province. The original building was completed in 2012 and has since served as a high-end shopping centre. It was recently expanded to include two luxury penthouses. Located on the fourth floor and about a hundred metres from the sea, factors such as sustainability and low maintenance were decisive for the materialisation. The choice of NedZink NOVA instead of steel was an obvious one, according to Andrew Greef Architects, because titanium zinc is the most durable building metal and is more resistant to the weather influences of the ocean. Due to the extreme wind and the slightly sloping design, NedZink Standing Seam bays were used for the roof. It's not only a very practical solution, but thanks to its clear, straight lines and high-quality appearance, it also fits perfectly with the luxurious style of the penthouses. The façades are clad with the NedZink NOVA Lozenge System. The square tiles and slightly sloping roof with the Standing Seam System form a beautiful contrast of vertical and diagonal lines and result in an exterior that not only looks great but is also functional. As icing on the cake, instead of traditional aluminium framing, a NedZink frame was used for the windows.

The choice of NedZink NOVA is obvious because titanium zinc is the most durable building metal and is more resistant to the weathering influences of the ocean.



KR Pyeongchang

Railway Station

NedZink NUANCE Red Standing Seam System

A curved NedZink roof in a warm, red hue decorates the station building of the high-speed rail line between Wonju and Gangneung in South Korea. The design by the Korean architectural firm Suh-Han Architects & Engineers Inc. is characterized by rounded, curved shapes typical of this region, executed in a combination of metal, glass and natural stone. For the curved roof, the architect chose NedZink NUANCE Red. The thirty-eight hundred square metres of zinc roofing is not dominant or showy in any way, thanks to the exclusive, discreet and warm appearance of the red tint. In addition to the colour red, the NedZink NUANCE range also includes blue, brown and green in both sheet material and on coil. Other colours can be produced on a project-by-project basis upon request.

NedZink NUANCE Red has an exclusive, discrete and warm appearance.



KR Sangjubo

Dam

**NedZink NOVA
Lozenge System**

The Nakdong River in southeastern South Korea is the country's longest natural waterway. To manage the effects of climate change, such as flooding and drought, the Nakdong has been equipped with eight dams in recent years. One of these is the Sangju-bo 1. This dam is recognisable from a great distance by its five graceful support pillars covered in NedZink NOVA. For its unique shape, Shinhan Architects took inspiration from grains of rice, a crop commonly grown in this vast area. To be precise, the design is inspired by the top of rice grains, as viewed under a microscope. By enormously enlarging this tiny shape, the architectural firm has created a fertile monument of water control.

Zinc 'rice grains' in
NedZink NOVA form
the pillars of the
South Korean dam.

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DE Priesendorf

Office Building

**NedZink NOVA
Lozenge System**



UK Reading

British Museum

**NedZink NOIR
Standing Seam System**

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NL Den Helder

Naval Base

NedZink NOVA Standing Seam System

NLBEOPS is an education and training centre at the naval base in Den Helder. The design and execution of the modern building is ingenious and practical. The staggered façade masks the large volume with a surface area of more than thirteen thousand square metres. The building blends seamlessly with the surrounding buildings, which are also clad in metal. Because the building is close to the sea, the cladding must withstand the elements. NedZink NOVA lends itself perfectly to this. It has an even matt patina, is durable and gives the building a stylish appearance. The tight contours of the windows form a natural unity with the horizontal NedZink NOVA Standing Seam System – a strong example of zinc processing.

NedZink NOVA
stands up well
against the elements.





UK Worthing

College

NedZink NOVA
Standing Seam System



TR Konya

Velodrome

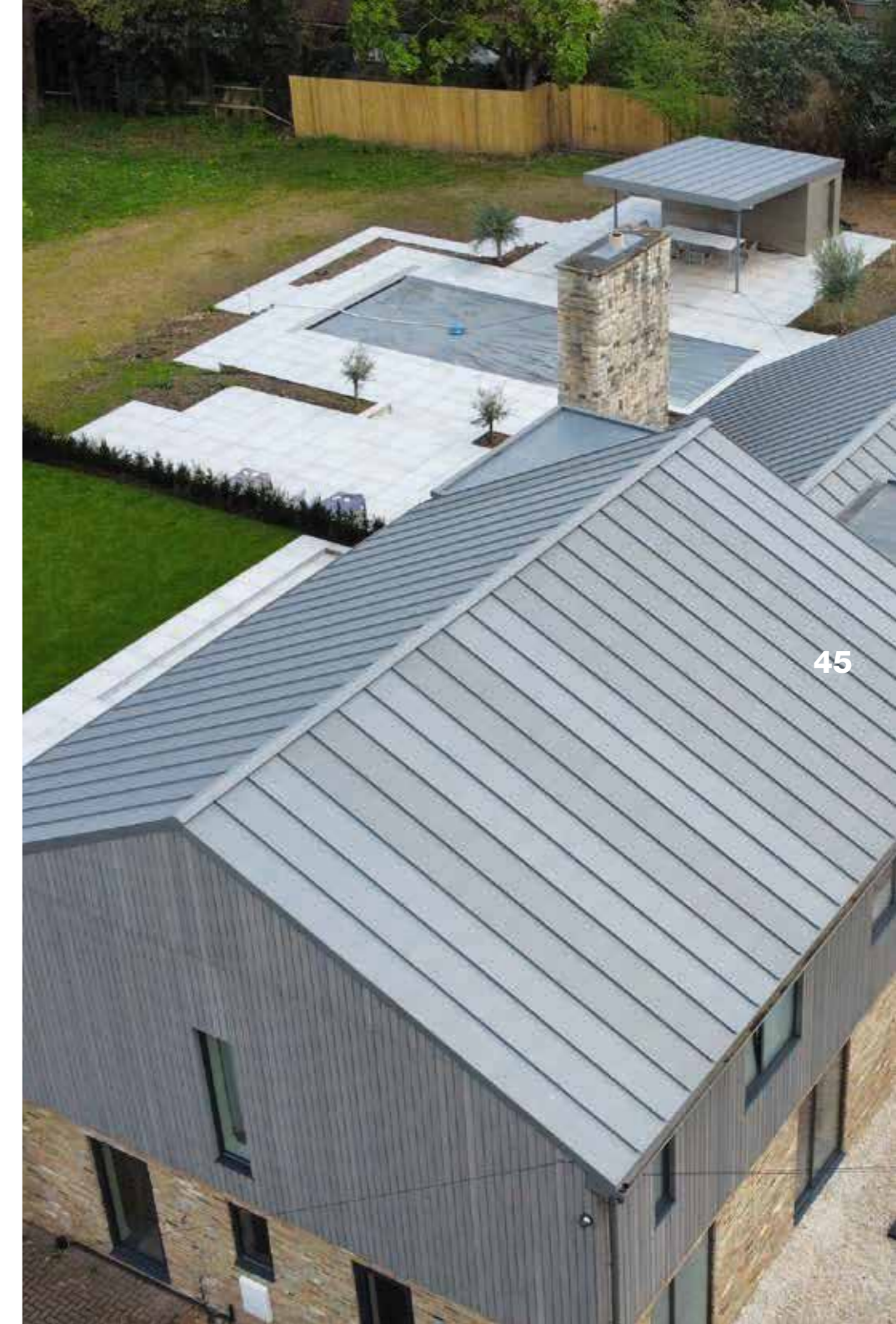
NedZink NATUREL
Perforated Panel System



UK Rose Hill

Private House

NedZink NEO
Standing Seam System



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