

PROJECT SHOWCASE

METAL & MESH





We are happy to introduce our Metal and Mesh projects showcase guide.

To meet the design and architectural challenges architects and designers meet today, we selected the most prestigious projects across all market sectors to help you find solutions and innovative ideas for your next great project.

Mixed-use spaces, sustainable design, natural light, technology integration. Whatever your project ambitions, keep this brochure close to hand and look to it when you're seeking that next big idea.

[Cover] METAL V-P 500, RAL 5001 & RAL 5009, various dimensions (Klimahaus®, Germany, © Bettina Meckel - Fotodesign)

[Previous page] METAL R-H 200, Rd 1522, Global White (Masaryk University, Simulation Centre, Faculty of Medicine, Brno, Czech Republic, © Lukas Pelech Atelier)

[Back Cover] Custom METAL Hook-On, Rd 1522, RAL 9005 & 9006 (Split Airport, Croatia, © Miljenko Hegedić)



OFFICE

A WORLD-LEADING BEVERAGE FIRM HEADQUARTERS
Belgium

BDO
Switzerland

INTERNATIONAL TECHNOLOGY COMPANY
Italy

HINES
Poland

AURUBIS
Belgium

FURNISHING BRAND, RIVER HALL BUILDING
Lithuania

AGGEMAR HEADQUARTERS
Greece

FINSTRAL
Germany

65 GRESHAM STREET
United Kingdom

MORRIS LAW
Sweden

COMMUNITY WINDPOWER LTD
United Kingdom

A WORLD-LEADING BEVERAGE FIRM HEADQUARTERS

Belgium

ARCHITECT
Muriel Hagendorf,
Jones Lang Lasalle sprl/bvba

CEILING CONTRACTOR
Lusobati

PHOTOGRAPHER
© Michael van Oosten

Ambition

When the world's biggest soft drinks producer needed a new headquarters in the heart of Brussels, the team aimed to create something special: a modern, cutting-edge yet elegant design that would be as iconic as the brand.

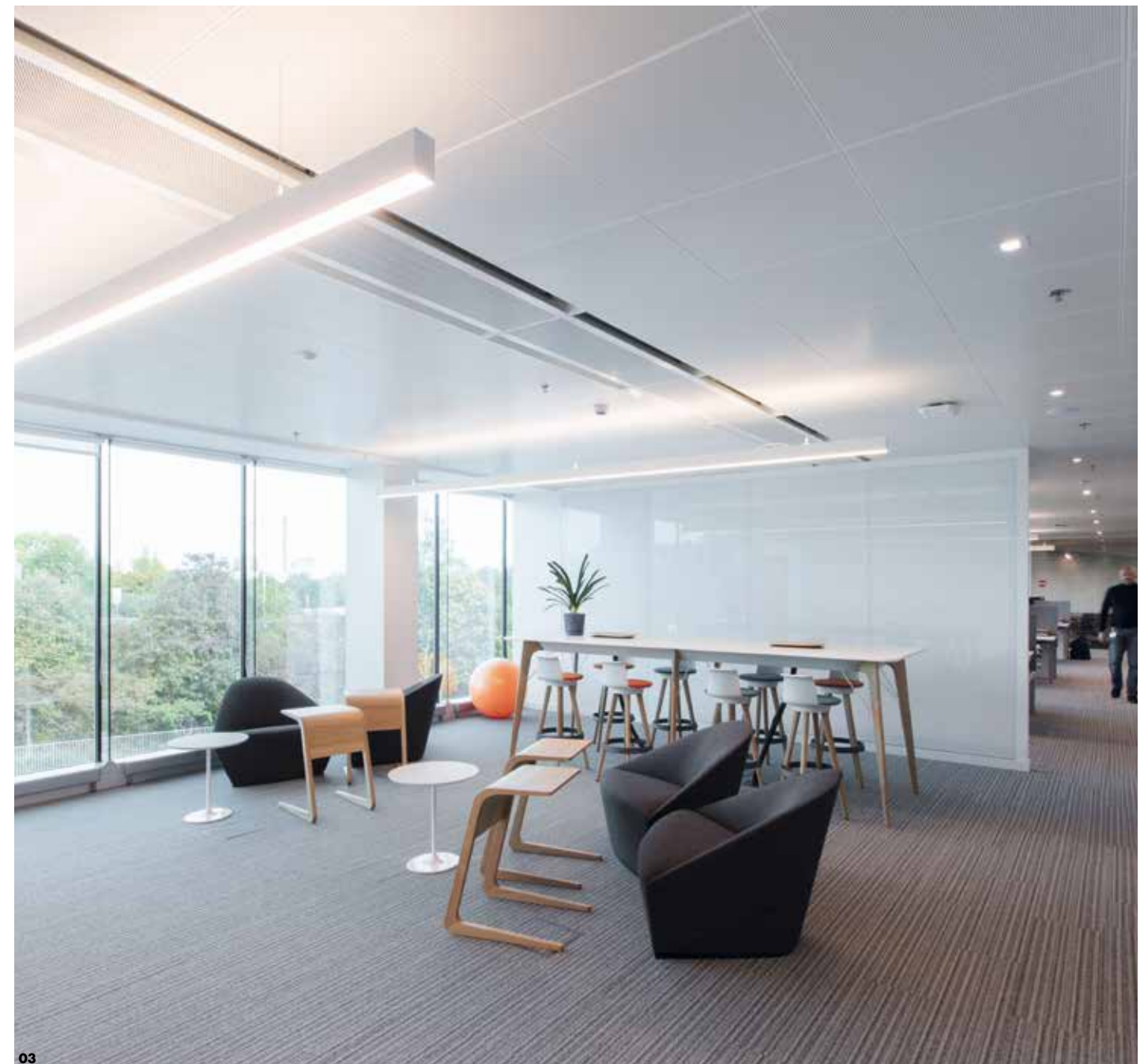
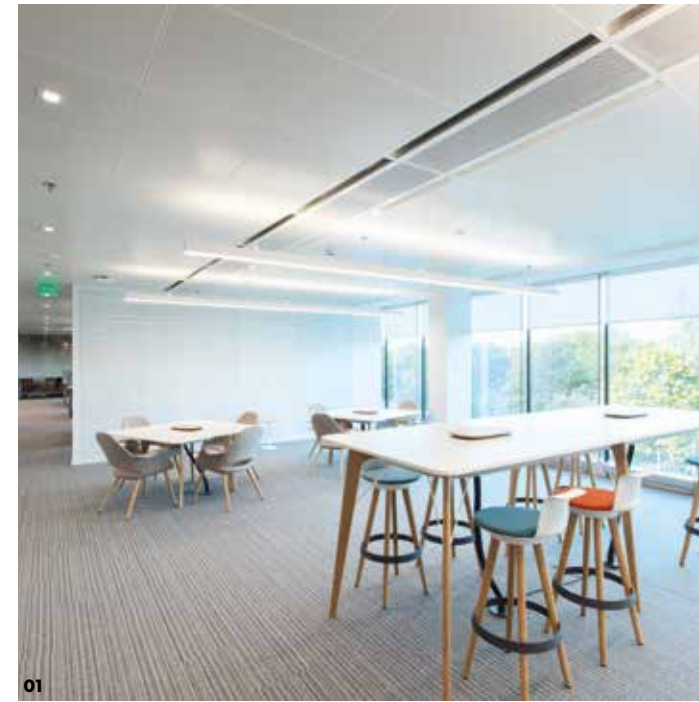
Achieved

To achieve this, 1,800m² of METAL Q-Clip F Rg 2516 tiles created a monolithic surface effect with a high-end look, coupled with a bright, airy sense of lightness alongside a concealed suspension system.

The standard perforation of the solution also carried practical benefits, as well as aesthetic, providing greater acoustic comfort for workers in the contemporary, open-plan spaces within the building. Looks and performance, together, give this building the finish that this world-leading, household-name brand deserves.

01/02/03

METAL Q-Clip F, Rg 2516, Global White
U-Profile + DP12 A-Bar



ARCHITECT
Ensemble Architecture et Urbanisme SA

CLIENT
BDO SA

CEILING CONTRACTOR
M+M Montage-Maintenance SA

PHOTOGRAPHER
© Sébastien Puiatti

Ambition

A Swiss expert in audit, accountancy and assurance, BDO had a clear idea of what it wanted for its Lausanne office expansion. For compact premises with complex needs, the client provided a picture that the team needed to analyse technically, to deliver a unique ceiling that pleased aesthetically and performed acoustically. The requirements were clear: to brighten dark areas, bring symmetry and harmony to all parts of the premises, and create a workspace that is comfortable and perfectly adapted to today's demands.

Achieved

These requirements demanded that the team move away from standard practices and think differently. In doing so, the architect chose a geometric approach titled 'The Diagonal' – based on the bishop's diagonal movement in chess. 300m² of custom METAL R-H 220 triangular-shaped tiles, together with 15 custom mirror aluminium METAL Canopies made this vision a reality, creating an aesthetically unique ceiling. Complementing these bright, intriguing shapes was a playful approach to lighting, with LEDs integrated in a way that alternated light and dark, creating shadows and depths that simultaneously lit required areas while taking the ceiling far beyond a banal, 'flat' surface – becoming a central feature in the newly expanded offices.

01
Custom aluminium METAL Canopy with mirror effect surface
Hanging Kit

02
Custom triangular METAL R-H 220 with integrated LED
U-Profile + J-Bar

03
Custom triangular METAL R-H 220 with integrated LED
U-Profile + J-Bar



INTERNATIONAL TECHNOLOGY COMPANY

Italy

ARCHITECT
DEGW Arch. Adamo/Boienti

CEILING CONTRACTOR
Contec

PHOTOGRAPHER
© FUD

Ambition

When an international technology giant seeks to create a regional headquarters, the challenge is always how to differentiate it. How do you avoid the pitfalls of creating just another faceless, multinational office, and instead create a workspace that encapsulates both the personality of the business and all the great things about the region?

Achieved

The key to the design of the new headquarters lay in the company's own values: openness, flexibility, energy, dynamism and innovation. By translating these into physical form, the team could create a space reflective of the brand while, at the same time, being built around the core concept of 'Made in Italy'.

Combining 1,100m² of METAL V-P 500 alongside the unusual use of U-Profile grid system, the team created a space that was at once homely and creative. Maintaining a rugged concrete aesthetic and hiding suspension points to avoid distracting from the design, while creating a warm and welcoming atmosphere conducive to productive, comfortable working, this building became an iconic headquarters celebrating everything great about Italy, through the lens of one of the world's leading companies.

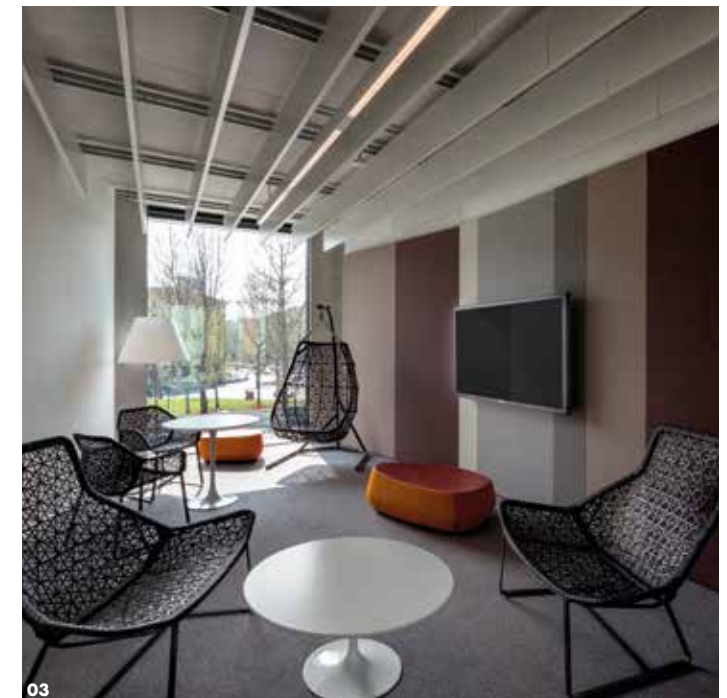
01/02/03
METAL V-P 500
U-Profile



01



02



03

HINES Poland

ARCHITECT
Rolfe Judd Polska sp.z o.o.

CLIENT
Hines Polska sp. z .o.o.

PHOTOGRAPHER
© Szymon Polański

Ambition

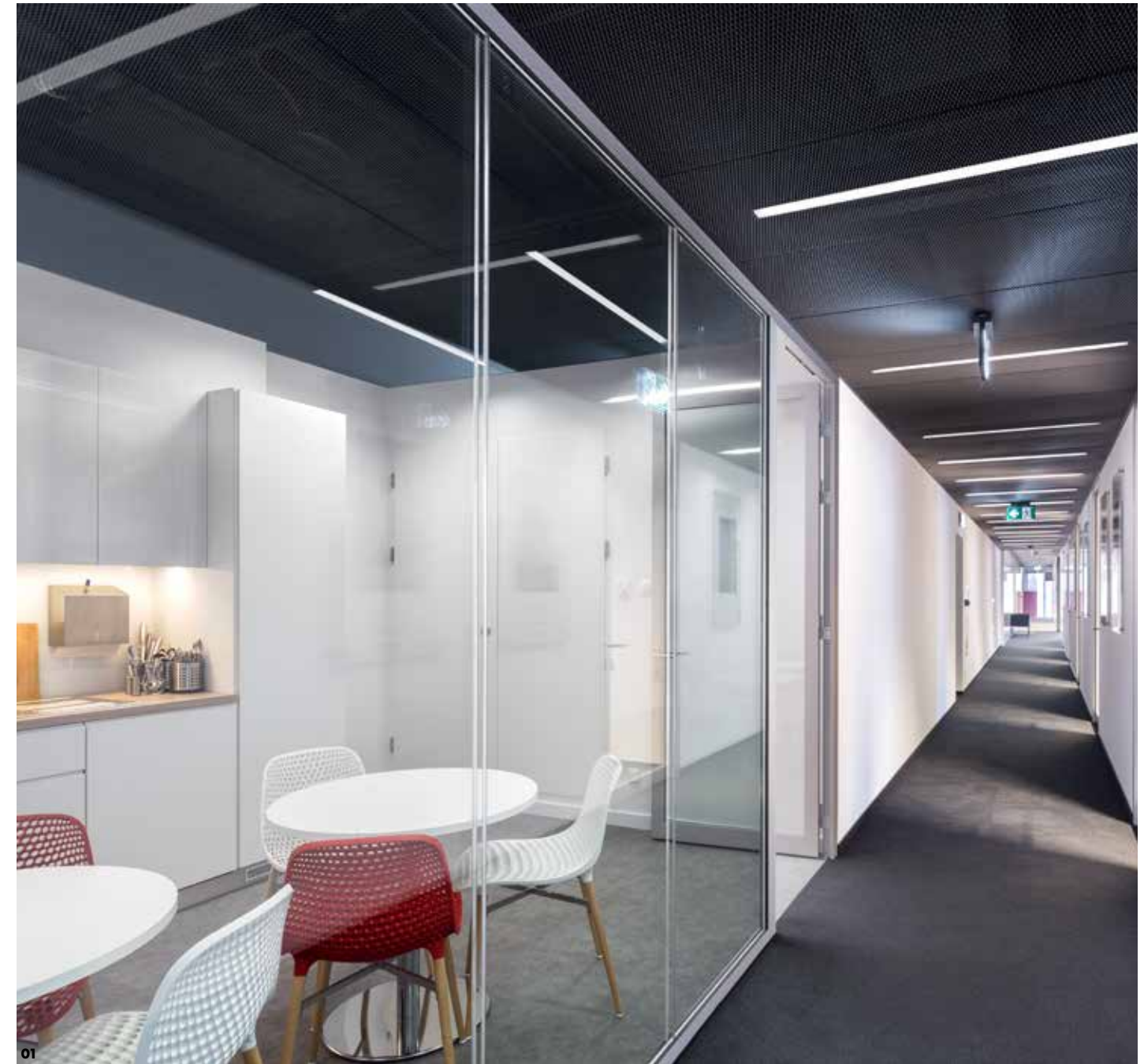
A worldwide property development giant, and a leader in sustainable real estate, Hines sought a new Polish headquarters for its regional team, working with the architects to create a space reflective of its expertise and sustainable commitments, as well as its values: flexibility, creativity and openness.

Achieved

Together, the team looked to Knauf Ceiling Solutions as a partner in sustainable construction that could build these values into spaces that perfectly reflected the client's ethos.

In the corridors and reception area, the MESH R-H 215, RB35 ceiling was used as part of a creative, iconic RAL 9005 black ceiling that was fully functional and demountable for flexibility in maintenance.

01/02
MESH R-H 215, RB35, RAL 9005
U-Profile + H-Profile 35



AURUBIS

Belgium

ARCHITECT
Aurubis Belgium SA/NV

CEILING CONTRACTOR
Renobo bvba

PHOTOGRAPHER
© Michael van Oosten

Ambition

Aurubis is the world's largest copper recycler, working in every industry from chemicals, electrical engineering and electronics to renewable energy, construction and the automotive industry. In expanding its flagship plant in Olen, Belgium, the company sought to create a new office building – an open, clean and elegant space providing a contrast with the heavy industry of its plant.

Achieved

Using 1,465m² of METAL Tegular 2, Microperforated with a Premium OP19 acoustic infill, the team took advantage of the office building's large windows, with high-reflectance tiles making greater use of natural light levels throughout the facility.

Another advantage of this choice of system was its exceptional sound absorption. In an area where people needed space, peace and quiet to focus on their work, the ceiling solution provided great acoustic comfort to match the high levels of daylight – helping Aurubis achieve its vision of a clean, open space for greater wellbeing and productivity.

01/02/03

METAL Tegular 2, Rd 1522, Premium OP19 Acoustic Infill
Exposed demountable - System C (24mm T-Grid, butt-cut)



FURNISHING BRAND, RIVER HALL BUILDING

Lithuania

ARCHITECT
G. Natkevicius & Partneriai, UAB

CLIENT
Sirin Development, UAB

PHOTOGRAPHER
© Szymon Polański

Ambition

Befitting one of the world's most recognisable home furnishing and DIY giants, River Hall Building in Kaunas is as much about aesthetics as practicality, functionality as quality, design as value. Staying true to a strong brand with a firm commitment to sustainable development, the team needed to create durable, long-lasting, continuous ceilings that would lend an air of exclusivity and comfort to employees within a large office space.

Achieved

In such an environment, acoustic performance is key. So, the team turned to a perforated METAL R-Clip F ceiling system with acoustic infill, suspended on U-Profile, to deliver high levels of sound absorption and a concealed monolithic appearance. The Cradle to Cradle Certified® Silver solution's demountable tiles also enabled easy access to the plenum space, simplifying and streamlining maintenance – making it even more practical, and helping the building adhere to the highest standards of design, service integration, wellbeing and sustainability.

01/02/03
METAL R-Clip F, Lg 25042, Global White
U-Profile + DP12 A-Bar



AGGEMAR HEADQUARTERS

Greece

ARCHITECT
Rena Sakellaridou Sparch PC

CLIENT
Aggemar Real Estate Development S.A.

CEILING CONTRACTOR
Intrakat S.A.

PHOTOGRAPHER
© Erieta Attali

Ambition

The inspiration for this visionary Athenian Headquarters came from the client's own maritime activities. Taking cues from ocean voyages, flowing curves and fluid geometry play with directions and manipulate horizons – and internal spaces needed to extend this concept, with playful interiors that combine natural light with wide open spaces evoking the sea.

Achieved

These open, airy, nautically influenced spaces – from offices to corporate museum, library, gym, restaurant, amphitheatre and more – were made possible through the versatile METAL R-H 200 ceilings. With high light reflectance, the solution aids the natural diffusion of sunlight throughout the building's interior spaces – which, together with the system's full Cradle to Cradle Certified® Silver status, contributes to the project receiving LEED Platinum Certification for outstanding achievement in sustainability, health and wellbeing.

01/02/03
METAL R-H 200
U-Profile + J-Bar



ARCHITECT
Fußner | Kühne Architekten

CLIENT
Finstal AG

CEILING CONTRACTOR
Schmid Trockenbau GmbH

PHOTOGRAPHER
© David Güntsch

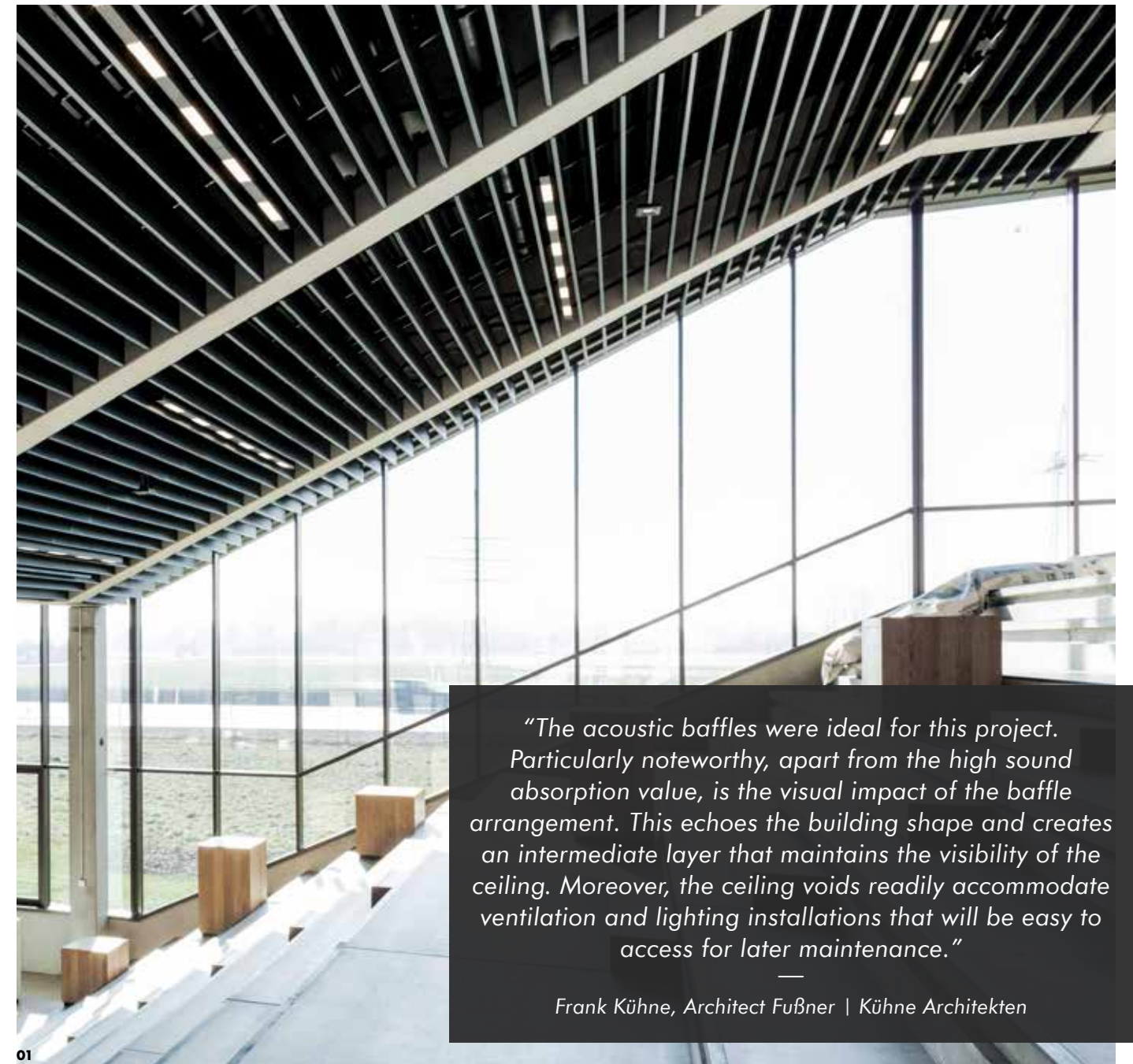
Ambition

Creating a flagship training centre for a window technology specialist understandably requires large areas of fenestration, flooding the interior with light. However, when accompanied by concrete, tiling and sound-reflective metal, this raises noise issues – which is why Finstral needed an acoustic solution that would complement the visual concept.

Achieved

The team incorporated 2,900 linear metres of highly sound absorbent METAL V-P 500 to achieve this balance of sight and sound. The solution, designed in an anthracite-coloured finish and a stepped configuration, provided a pleasing aesthetic in line with the contemporary angles, edges and 'grandstand' of the wider building, as well as concealing mechanical and electrical components. But, above all, it delivered class leading acoustic performance – creating the optimum indoor environment for training to inspire.

01
METAL V-P 500, Rd 2535, RAL 7016, various dimensions
U-Profile



"The acoustic baffles were ideal for this project. Particularly noteworthy, apart from the high sound absorption value, is the visual impact of the baffle arrangement. This echoes the building shape and creates an intermediate layer that maintains the visibility of the ceiling. Moreover, the ceiling voids readily accommodate ventilation and lighting installations that will be easy to access for later maintenance."

Frank Kühne, Architect Fußner | Kühne Architekten



65 GRESHAM STREET

United Kingdom

ARCHITECT
TP Bennett Architects

CLIENT
Investec

CEILING CONTRACTOR
OC Contracts Ltd

PHOTOGRAPHER
© Tom Green

Ambition

What began as a project for a dining hall and informal lounge in a prestigious London location quickly expanded in scope. The team's ultimate ambition for 65 Gresham Street was to create an open-plan office space suitable for multiple purposes – which, together with bringing to life the client's core message of 'out of the ordinary', required an adaptable, flexible and creative design approach.

Achieved

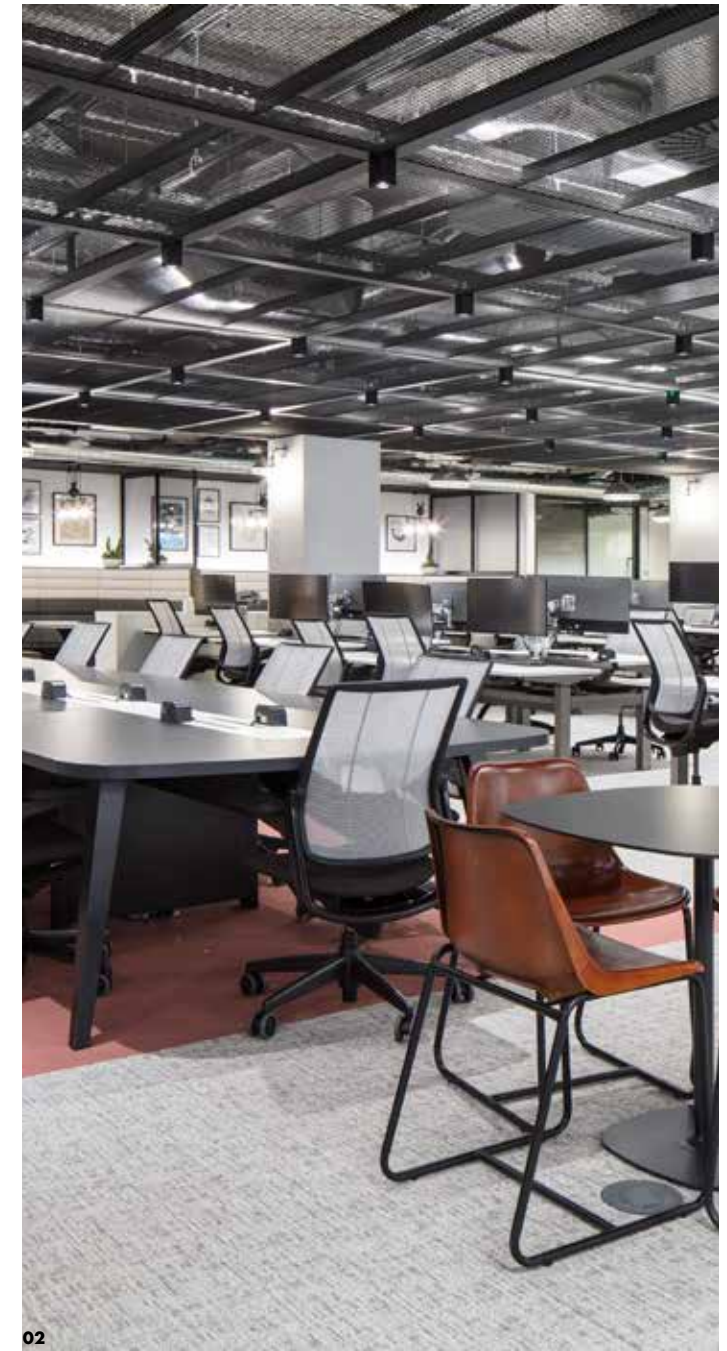
The contemporary, industrial aesthetic of the ceiling was made possible by 150m² of Knauf Ceiling Solutions' configurable MESH K-H 400 MT tile and grid system. Using Jet Black RAL 9005 mesh tiles, customised with a larger open mesh area and installed on a standard Crossing Box with C-Profile suspension system, it also features custom metal bulkheads spanning the perimeter. As a complete solution, this delivers visuals that are certainly out of the ordinary – and, crucially, it enhances everyday functionality too, by maintaining accessibility of services above the ceiling.

01/02/03

Custom 70% open area MESH K-H 400 MT, RAL 9005
Crossing Box + C-Profile
Custom Bulkheads



01



02



03

MORRIS LAW

Sweden

ARCHITECT
Johan Olsson, Bornstein Lyckerfors Arkitekter

CLIENT
Morris Law

PHOTOGRAPHER
© Lindman Photography/Åke E:son Lindman

Ambition

Breaking away from the traditional, the contemporary new office of Morris Law reflects its brave and innovative approach. By choosing a ceiling that was a distinctive feature within the architectural design, the Swedish law firm wanted an impressive corporate space that was unmistakably its own.

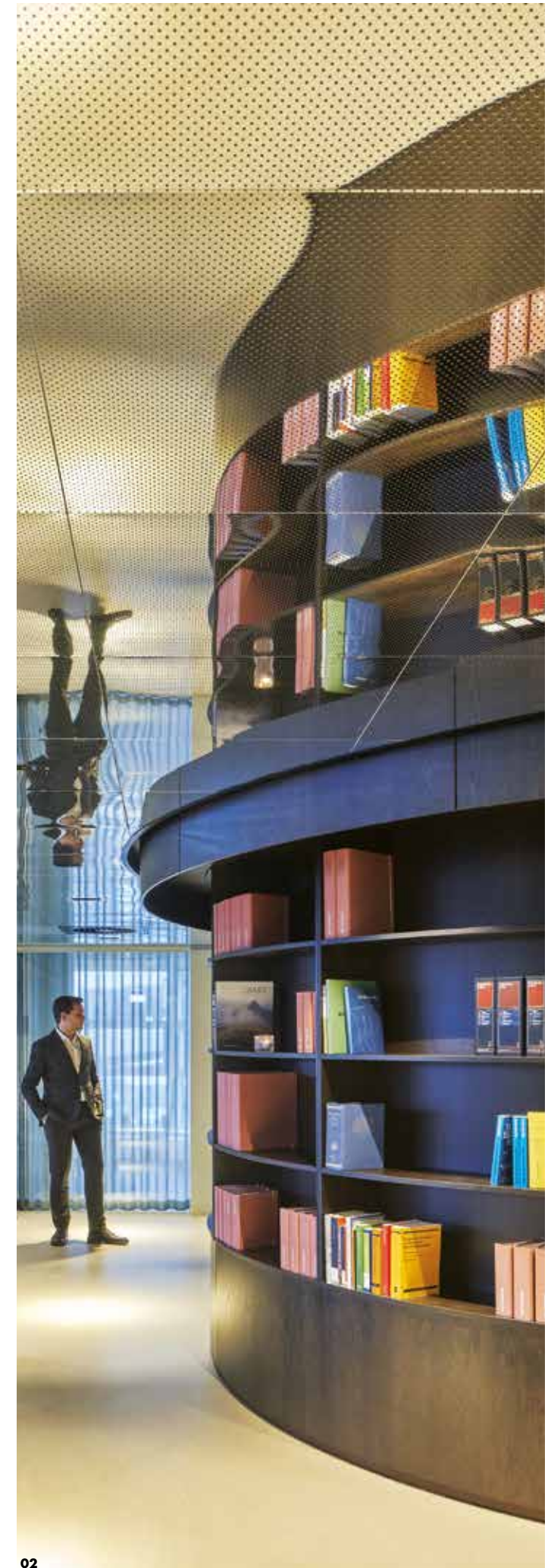
Achieved

The signature ceiling was made possible using Knauf Ceiling Solutions' aluminium METAL Q-Clip ceiling system, with a polished-mirror finish. The reflective surface gives off a soft and diffused light, creating the illusion of a higher ceiling. Resulting in a bright, spacious and sophisticated feel to complement Morris Law's qualities of clarity and transparency.

01/02
Custom aluminium METAL Q-Clip, Rd 2508 with mirror effect surface
U-Profile



01



02

COMMUNITY WINDPOWER LTD

United Kingdom

CLIENT
Community Windpower Ltd

CEILING CONTRACTOR
Heaton Ceilings Ltd

PHOTOGRAPHER
© Simon Miles

Ambition

As its name suggests, Community Windpower is leading the UK's drive towards renewable energy, instrumental in the identification, design, development and operation of on-shore wind energy generation projects. So, its new offices understandably needed to put sustainability at the core – without compromising on aesthetics or acoustics.

Achieved

Building in sustainability from concept to completion means considering every aspect of it at every stage, from energy self-sufficiency to water recycling. When it came to the ceiling, METAL MicroLook 8 Lay-In planks delivered a contemporary aesthetic with superior acoustic performance. More importantly, the solution enhanced the ecological credentials of the build, with Cradle to Cradle Certified® Silver materials minimising waste and environmental impact – helping to make this green building a landmark of future-facing sustainable construction.

01/02/03
METAL MicroLook 8, custom dimensions
Exposed demountable - System C (15mm T-Grid)





EDUCATION

YSTALYFERA WELSH MEDIUM COMPREHENSIVE SCHOOL
United Kingdom

SIMULATION CENTRE, FACULTY OF MEDICINE, MASARYK UNIVERSITY
Czech Republic

ROYAL HOLLOWAY, UNIVERSITY OF LONDON
United Kingdom

YSTALYFERA WELSH MEDIUM COMPREHENSIVE SCHOOL

United Kingdom

ARCHITECT
Neath Port Talbot County Borough Council

MAIN CONTRACTOR
Dawnus Construction

CEILING CONTRACTOR
Sam Drylining

PHOTOGRAPHER
© Philip Durrant

Ambition

For a new £12.4 million secondary teaching block in South Wales, this 19-month project needed to realise an institution fit for the 21st century – as well as meeting BREEAM “Excellent” and BIM Level 2 standards. But the real ambition was to create a space where sight and sound are at the core of the learning experience – and not a distraction.

Achieved

2,000m² of METAL D-H 700 Microperforated floating ceiling and METAL MicroLook 8 tiles in Oak wood-effect finish: all combined to create contemporary, open and bright spaces that would help students focus. Crucial to this was the acoustic performance of the ceiling system solutions, limiting the passage of noise between areas while still enabling tutors to be heard throughout each classroom – as well as boosting the structure’s thermal qualities, ensuring the building performs as well as it looks.

01
METAL D-H 700, Rd 1522
U-Profile

02/03
METAL MicroLook 8, Oak wood-effect finish
Exposed demountable - System C (15mm T-Grid)



“The ceiling rafts in the classrooms complied with sound and visual requirements but also allowed us to use the exposed structural slab as thermal mass.”

—
Spokesperson, Neath Port Talbot County Borough Council

SIMULATION CENTRE FACULTY OF MEDICINE MASARYK UNIVERSITY

Czech Republic

ARCHITECT
AiD team a.s.

CLIENT
Masarykova Univerzita, Lékařská Fakulta

CONTRACTOR
KF mont, s.r.o.
QuickBuilding s.r.o.

PHOTOGRAPHER
© Lukas Pelech Atelier

Ambition

The Simulation Centre of the Faculty of Medicine (SIMU) is one of the most esteemed simulation centres in Central Europe. AiD team a.s. partnered with Knauf Ceiling Solutions (formerly Armstrong Ceiling Solutions) to create this latest addition to the Medicine Campus. With more than 15 years of collaboration between the architects and Knauf Ceiling Solutions, AiD trusted our experience in achieving the highest standard in metal solutions.

Achieved

The architects chose the METAL R-H 200 solution with Rd 1522 perforation to create a modern and seamless appearance that was also easy to maintain. The Rd 3139 perforation was also specified on METAL MicroLook 8 ceiling tiles to aid good ventilation and to match other ceiling elements.

With a one-to-one relationship and strong technical support, Knauf Ceiling Solutions proved once again they were able to achieve any ambitions from architects and installers alike. That is the reason why we have been able to collaborate smoothly over the years and be a partner for the different extension phases of Masaryk University.

01/02/03/04

METAL R-H 200, Rd 1522, Global White
U-Profile + J-Bar



ROYAL HOLLOWAY, UNIVERSITY OF LONDON

United Kingdom

ARCHITECT
Associated Architects

MAIN CONTRACTOR
Osborne

CEILING CONTRACTOR
Rosguill Developments

PHOTOGRAPHER
© Philip Durrant

Ambition

A 10,000m² expansion to a prestigious university library, the Emily Wilding Davison Building saw Associated Architects design a state-of-the-art library and student support hub. Key to this ambition was to reflect the history in which the site is steeped – avoiding overshadowing the 1881 Grade I Listed Founders Building, while creating an innovative and inspiring study environment for one of the top 30 universities in the UK.

Achieved

This project required an approach that was as respectful as it was striking – a contemporary contrast and complement to its surroundings. It also required a huge commitment to sustainability, with Passivhaus levels of air tightness and thermal performance securing an “Excellent” BREEAM rating.

1,000m² of custom METAL B-H 300, Rg 2516 and unperforated linear planks on a 300mm C-Profile, METAL R-H 200 ceiling tiles and custom METAL W-H 1100 wall panels formed the core of the solution. Combined, this performed to create a brighter, better and more open indoor environment – all while safeguarding sustainability and easing maintenance requirements for the future.

From the architects’ vision to a fully installed reality, the solution shows how eye-catching design can shape the perfect space for quiet study and inspiring discovery.

01/02

Custom METAL B-H 300, Unperforated & Rg 2516
U-Profile + 300mm C-Profile
Custom METAL W-H 1100 perforated wall panels
U-Wall Profile with wall anchors



“As well as providing a neat and crisp aesthetic, we chose a self-finished material to avoid unnecessary maintenance – especially relevant for tall spaces where access requires special equipment.”

—
Joe Belcher, Associated Architects

01



02



LEISURE & HOSPITALITY

INDOOR SWIMMING POOL, USTER

Switzerland

AUSTRIA CENTER VIENNA

Austria

HURACÁN COFFEE

Lithuania

KLIMHAUS®

Germany

KAZAN STATE CIRCUS

Russia

HACKNEY TOWN HALL

United Kingdom

INDOOR SWIMMING POOL, USTER

Switzerland

ARCHITECT
K&L Architekten AG

CLIENT
City of Uster, Healthcare Department

CEILING CONTRACTOR
Isolag AG

PHOTOGRAPHER
© Foto Lautenschlager

Ambition

In creating a world-class Olympic pool and one of Switzerland's most modern, state-of-the-art swimming facilities, the architect, contractor and client needed to work closely together throughout a construction period lasting over one and a half years. Acoustics and corrosion resistance played key roles throughout – but everyone's united ambition was to create a stunning aesthetic space to welcome the world's swimmers and families.

Achieved

When specifying ceilings, high humidity and a demanding environment are the first considerations needed for a swimming pool. But when the ambition is to create a stunning ceiling that enhances the whole building, the team set out to create a uniquely playful, golden aesthetic.

A special gold coating was applied to 1,500m² of the METAL R-H 200 ceiling in the Olympic pool, with 3,000m² of METAL R-H 200 in RAL 9010 covering the water park and surrounding areas. The pre-treated aluminium ceilings were primed and installed on a concealed suspension system to prevent corrosion – and reinforced by a moisture-resistant elastomer and fibreglass fleece backing to further improve resistance and acoustic performance.

01
Custom aluminium METAL R-H 200 with swimming-pool suitable gold coating
U-Profile + J-Bar

02/03
Custom aluminium METAL R-H 200 with swimming-pool suitable RAL 9010 coating
U-Profile + J-Bar

04
METAL R-H 200, Rd 1522, NCS Brown
Custom suspension system



01



02



03



04

AUSTRIA CENTER VIENNA

Austria

ARCHITECT

Albert Wimmer ZT-GmbH
RRP Architekten ZT-GmbH

CLIENT

Internationales Amtssitz und Konferenzzentrum
Wien, AG

CEILING CONTRACTOR

Trockenbauunternehmen Pichler Gesellschaft mbH,
Passail

PHOTOGRAPHER

© IAKW-AG, Andreas Hofer
© Ludwig Schedl

Ambition

The Austria Center Vienna is the world's only conference venue directly connected to a UN headquarters. With 24 halls, 180 meeting rooms, 22,000 m² of exhibition space and seating for 20,000 people, it's an impressive building. So, when its business lounge and café were to be opened amidst widespread structural changes within a tight timeframe, the team saw the potential for specialist ceiling systems to match the venue's world-leading aesthetic.

Achieved

Central to the project was the creation of 300 METAL D-H 700 triangular shaped ceilings, held together with a black substructure and special suspension, creating the illusion of a floating ceiling. Complementing this feature piece was 1,600m² of METAL Q-Clip F and R-Clip ceilings which helped the team face the challenge of reconciling old and new elements of the building.

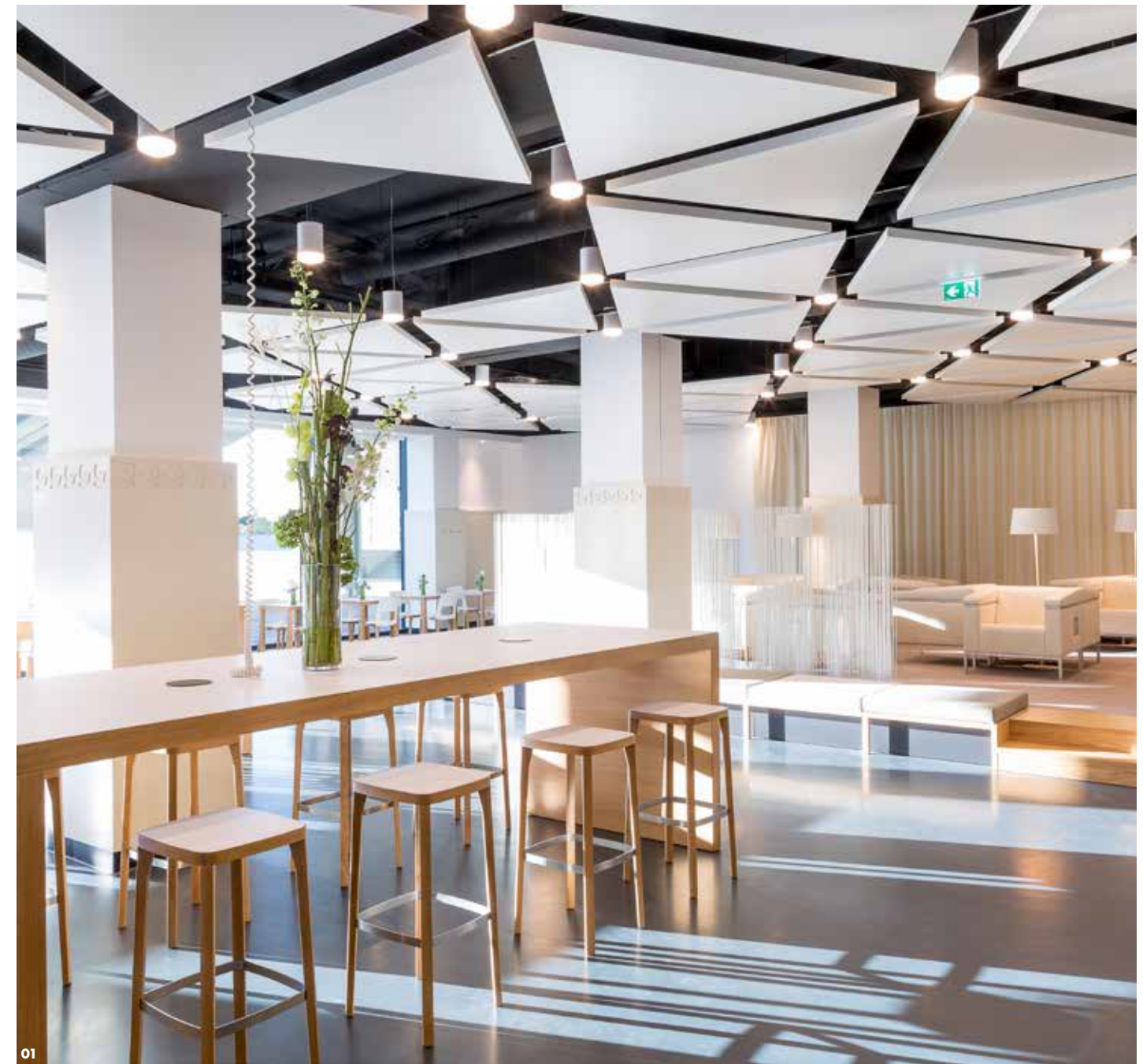
Crucial to the whole project, however, was the ability of all team members to plan and execute the work with minimal disruption to the vital meetings and conferences that happen at the venue.

01/02

Custom triangular METAL D-H 700, Rg 0701, RAL 9010
Special black coated substructure

03

Custom METAL Q-Clip F, Rg 3013, RAL 1013
U-Profile + DPI2 A-Bar



01



02



03

HURACÁN COFFEE

Lithuania

ARCHITECT
Giedraitis & Architektai, UAB

CLIENT
Šviežia kava, UAB

PHOTOGRAPHER
© Szymon Polański

Ambition

One of Lithuania's most popular café chains, Huracán is a young, enthusiastic company that's passionate about perfect coffee, the customer experience, and supporting the farmers and families it works with. For one of its Vilnius branches, the team sought to create an atmospheric, cosy and contemporary environment that reflected these values – somewhere visitors would enjoy spending time sipping the city's finest, responsibly sourced coffee.

Achieved

Natural. Modern. Light and ecological. The architect's vision for a wood-furnished yet bright space required a complementary ceiling solution; an industrial mesh look. Using MESH RB55 Black, suspended on exposed 24mm grid, the team lent the space a light, characterful air, while integrating the systems, services and equipment necessary for the café to function. And, fitting with the café's values, the Cradle to Cradle Certified® Silver system means its ceiling shares the same commitment to sustainability and social responsibility.

01/02
MESH RB 55 Black
Exposed demountable - System C (24mm T-Grid, butt-cut)



01



02

KLIMAHHAUS®

Germany

ARCHITECT
GfG Gruppe für Gestaltung GmbH

CLIENT
Klimahaus® Bremerhaven

CEILING CONTRACTOR
Ulrich Weber Stukkateur- und Trockenbaubetrieb

PHOTOGRAPHER
© Bettina Meckel – Fotodesign

Ambition

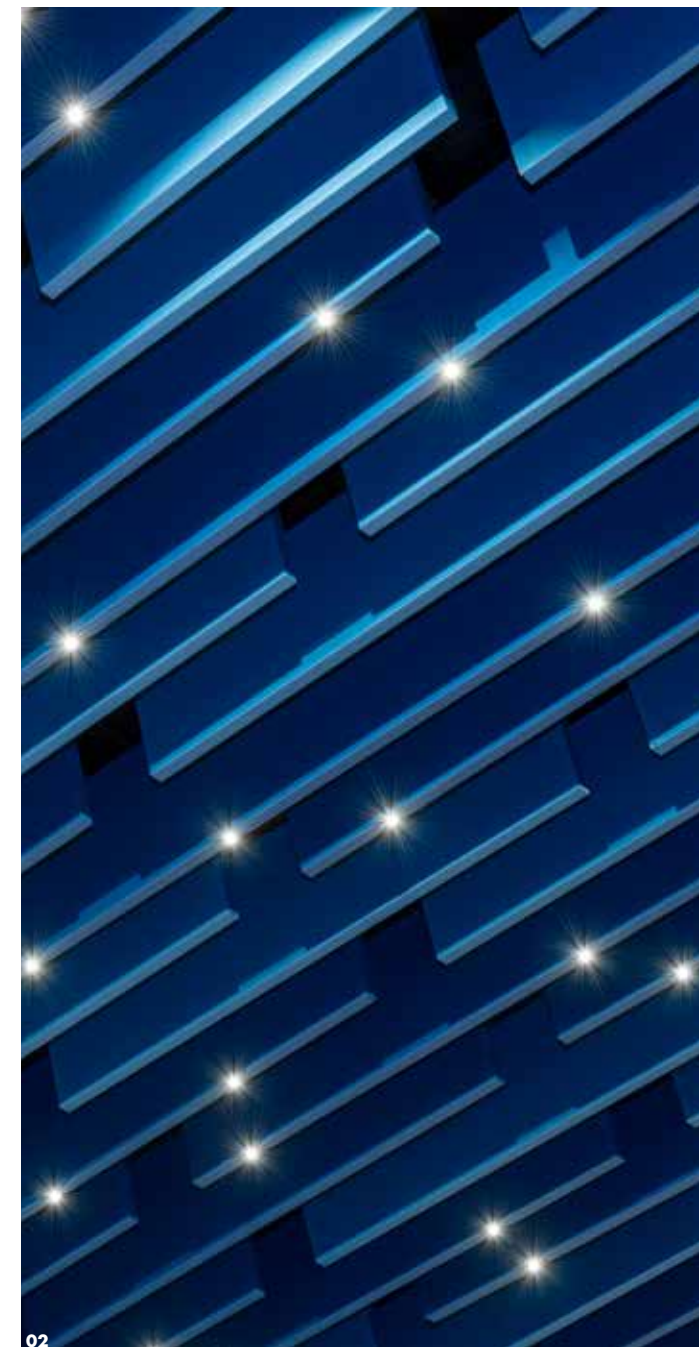
Café Südwärts needed to be more than a place to stop for refreshments. It needed to be part of the round-the-world journey of Klimahaus®; a southbound exploratory vessel en route to the Antarctic. Every aspect of its design needed to reflect this – and the team devised a striking solution that was at once visually thrilling and acoustically practical.

Achieved

Creatively combining METAL V-P 500 in shades of blue, the team transformed the ceiling into a star-studded polar firmament – an ambient evocation of the Antarctic night sky. Matching these aesthetics was a firm focus on practicality: a special substructure allowed the team to hide and maintain access to equipment above the starlit scene, while the solution's acoustic performance gave visitors the peace and quiet to contemplate their Klimahaus® journey.

01/02/03

METAL V-P 500, RAL 5001 & RAL 5009, various dimensions
U-Profile



KAZAN STATE CIRCUS

Russia

ARCHITECT

Tatinvestgrazhdanproekt

CLIENT

Kazan State Circus

CEILING CONTRACTOR

Eurostroyholding

PHOTOGRAPHER

© Nail Ziyatdinov

Ambition

An unmissable destination in the heart of the city centre, Kazan State Circus is a landmark family entertainment venue. State-of-the-art architectural performance and acoustics are key to its success – but the integration of cutting-edge, lightweight and demountable systems with the preservation of the historical metal dome was just as crucial.

Achieved

This was a feat unlike any other across Europe. With the hemispherical ceiling being over 20m high, and traditional heavy materials requiring extensive preparation and treatment, the design team turned to Knauf Ceiling Solutions for a solution. A custom METAL Hook-On acoustical ceiling system incorporating nonstandard features and perforations, supported by a customised longspan suspension, provided a highly accurate solution perfectly matching the complex geometry of the building. The result: a ceiling that truly does justice to Kazan State Circus' dramatic aesthetic – with the visual and acoustic performance to match everything that happens below.

01/02

Custom trapezoidal METAL R-H 200
Custom aluzink METAL R-H 200
U-Profile + J-Bar



HACKNEY TOWN HALL

United Kingdom

ARCHITECT
Hawkins\Brown Architects

CLIENT
Hackney Council

MAIN CONTRACTOR
Osborne

SPECIALIST SUB-CONTRACTOR
Roskel Contracts Ltd

PHOTOGRAPHER
© Grant Smith
© Francesco Montaguti – Hawkins\Brown
© Siobhan Doran

Ambition

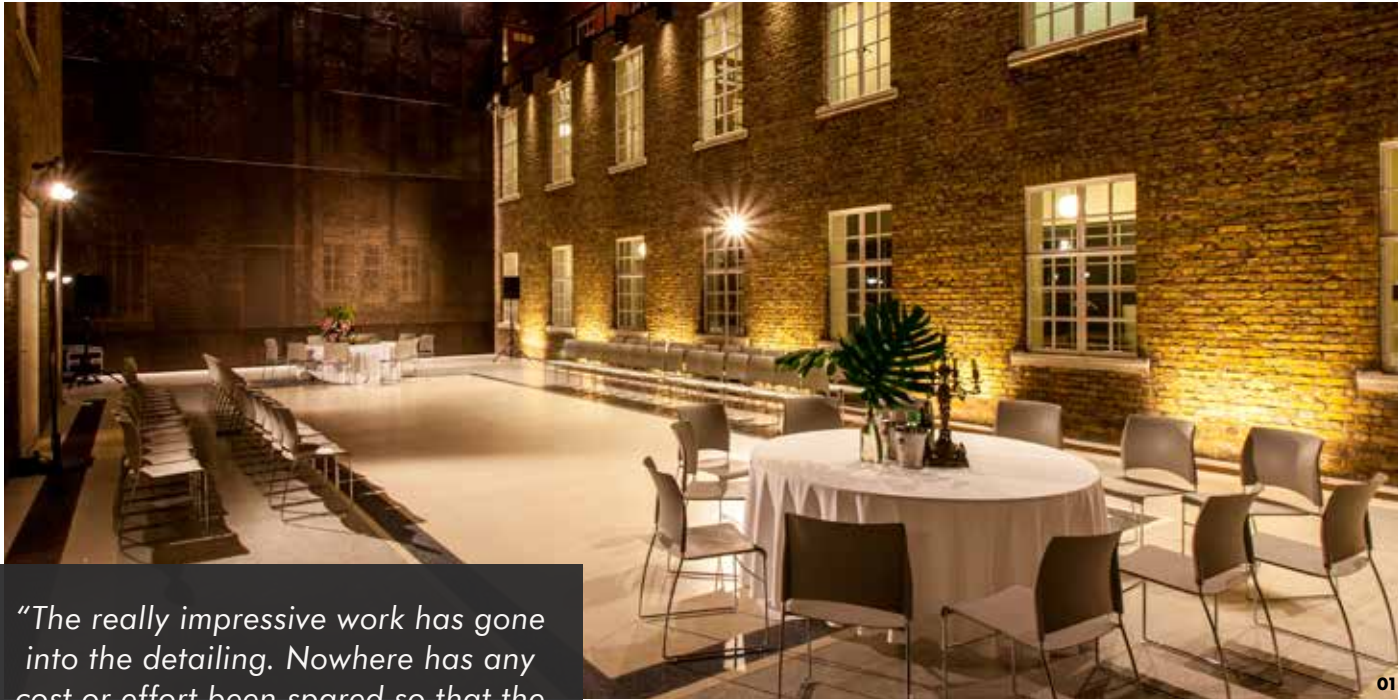
Dating back to 1937, the Grade II listed* Hackney Town Hall was overdue for refurbishment. As part of an extensive 12-year, 12,500m² restoration, there was an opportunity to transform its dated, underused interior courtyards into multi-functional atria that pay homage to the building’s original Art Deco aesthetic while creating a striking new look.

*A protected historic building

Achieved

The team achieved this by painstakingly creating full height, bronzed aluminium wall panels using a METAL W-H 1000 wall system with custom laser perforations. These perforations, designed to individual, photographic patterns, echoed the original brickwork while arrestingly incorporating a butterfly effect to diffuse light into the space. With the creation of this feature – not to mention the increased energy efficiency of the building and the diversion of 97% of waste from landfill – the regeneration of Hackney Town Hall received a RIBA Award in 2018.

01/02/03/04
Custom METAL W-H 1000, custom perforation
C-Wall Profile



“The really impressive work has gone into the detailing. Nowhere has any cost or effort been spared so that the refurbishment has been carried out to the very highest standards. The overall detailing is impeccable and is the most rewarding aspect of the project.”

—
Judges’ Verdict, RIBA Awards 2018





RETAIL

L'EXCEPTION

France

TSUM SHOPPING MALL

Ukraine

BOOKSHOP, VILNIUS AIRPORT

Lithuania

UNIVEREXPORT

Serbia

SALON MELOWY VOX

Poland

L'EXCEPTION

France

ARCHITECT
PRA | Philippe Rizzotti Architecte

CLIENT
L'Exception

PHOTOGRAPHER
© StudioVu

Ambition

Set within Les Halles, once a food market made famous by Émile Zola and now a shopping mall facing major reconstruction, L'Exception is a concept boutique gathering together the work of the finest French fashion designers in the heart of Paris. As a flagship store, its own design and décor needed to reflect this high-end, creative offering.

Achieved

The idea at the core of L'Exception's physical store was a continuation and expansion of the brand's digital experience. A contemporary, creative space; a living place where people can discover – and rediscover – exclusive fashion pieces, and gather for special events, shows and exhibitions.

The choice of 300m² of MESH R-H 200 enabled the project team to create a bright, fresh and open environment. The modern-look tiles provide a sense of lightness and openness, with excellent air circulation and quality, as well as soft, natural light diffusion – the perfect space in which to showcase the best that the Parisian fashion scene can offer.

01/02/03
MESH R-H 200, RAL 9010
U-Profile + J-Bar



TSUM SHOPPING MALL

Ukraine

ARCHITECT
Benoy

CLIENT
TsUM

MAIN CONTRACTOR
Altis Holding

PHOTOGRAPHER
© Benoy/TsUM

Ambition

One of Kiev's most recognisable landmarks, the six-storey TsUM Shopping Mall is an all-in-one retail, leisure and lifestyle destination in the heart of the city. For a wide-ranging refurbishment, its ceilings needed to reflect this; combining a distinctively futuristic, flowing, light-filled aesthetic with acoustic performance to please the ear as much as the eye.

Achieved

A significant ambition, the project brought together 9,700m² of METAL R-H 200, 7,600m² of METAL F-L 601, over 1,300 linear-metres of custom curved Profiles, and 2,600 METAL V-P 500 in one solution. The result: a unique blend of curves, volumes and bright, cutting-edge ceilings that harness the power of light and colour in design – uplifting visitors while muting crowd noise to create a more personal, pleasing experience.

01/02/03

METAL R-H 200
METAL F-L 601
METAL V-P 500
U-Profile
Custom curved Profile



BOOKSHOP, VILNIUS AIRPORT

Lithuania

ARCHITECT
Vilnius Architektūros Studija, UAB

CEILING CONTRACTOR
VI Lietuvos oro uostai

PHOTOGRAPHER
© Szymon Polański

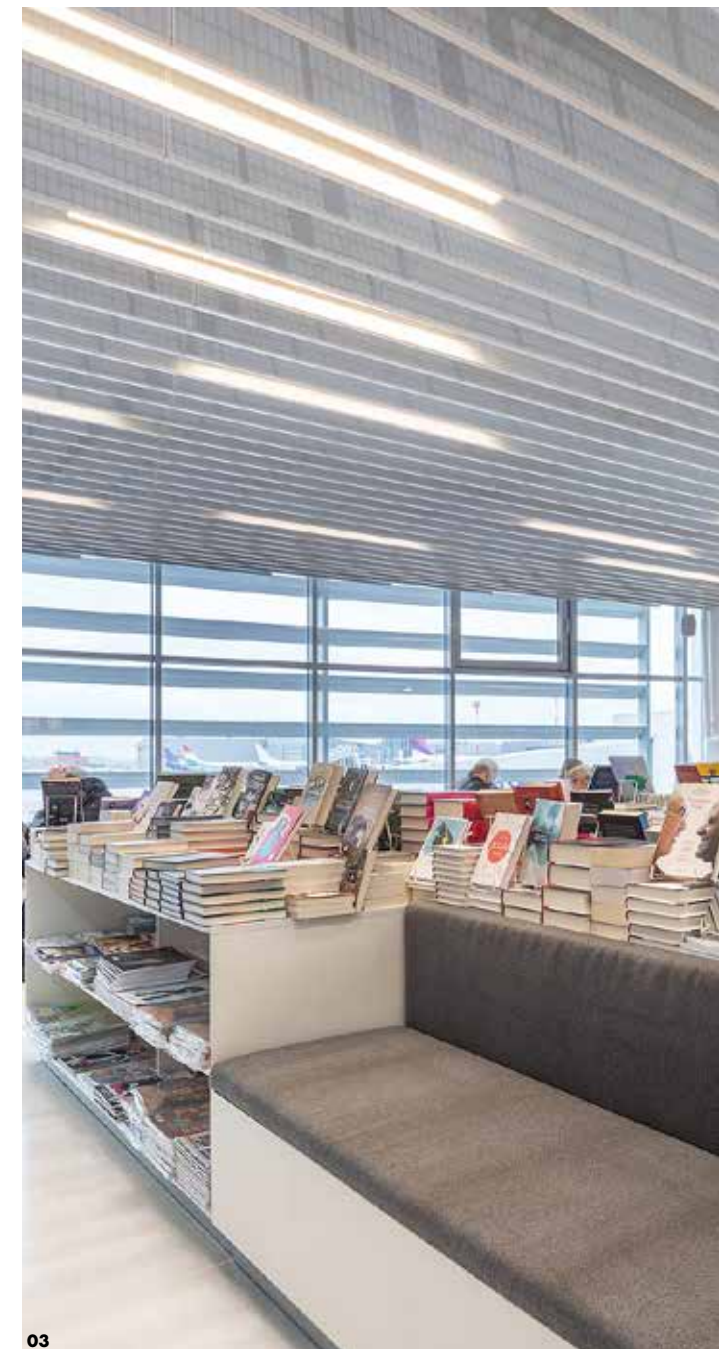
Ambition

The millions of travellers passing through Vilnius Airport every year might never look up, but the ceilings above their heads are always at work keeping them comfortable. So, for a high-traffic airport bookshop, the ceiling needed to be functional and durable, making the area bright and comfortable – acoustically and visually, so that travellers with their feet back on the ground could still enjoy the airy sense of space around them.

Achieved

Practicality was critical to the solution – which was why the team settled on a linear METAL V-P 500 ceiling. Durable and easy to maintain, the solution perfectly fits the functional needs of the airport space. Even more importantly, it provides easy access for maintenance and services integration, and clever concealment of technical equipment, cables and other devices. And finally, it adds to the brightness and acoustic comfort within the space, making Vilnius Airport's bookshop a more enjoyable place to browse between journeys.

01/02/03
METAL V-P 500, Rd 1522
U-Profile



UNIVEREXPORT

Serbia

ARCHITECT
Djordje Bajilo, dba

CLIENT
Univerexport

CEILING CONTRACTOR
GIA

PHOTOGRAPHER
© Marko Cvetkovic Cvele

Ambition

To create a next level shopping experience, Knauf Ceiling Solutions worked with the architect to design a bespoke and modern ceiling that fitted around the flexible layout of a contemporary new supermarket located in Serbia's second largest city. An exciting project with plenty of opportunities and just as many challenges.

Achieved

Island solutions are particularly suitable for achieving a striking, free-flowing industrial design. To do this, sleek MESH Board ceilings and Perimeter Trims were introduced, highlighted with METAL R-H 200 curved panels in a variety of vibrant colours. It formed a captivating space to draw customers in and shape the entire retail experience.

01/02
MESH Board, RAL 9005
Profiles 100mm, RAL 9005
Exposed demountable - System C (24mm T-Grid, butt-cut), RAL 9005
Custom METAL R-H 200 Concave & Convex Panels, RAL 3015

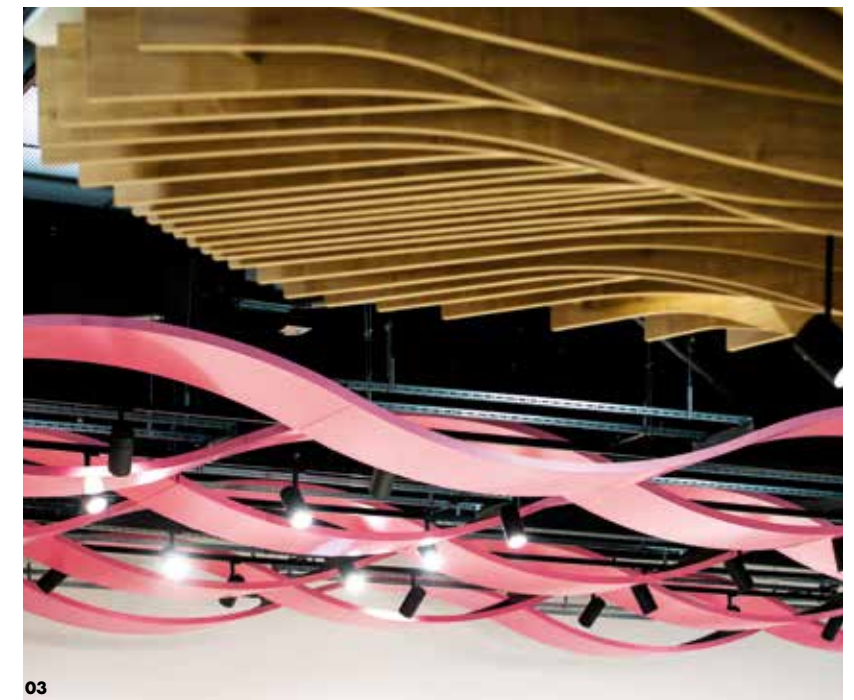
03
Custom METAL R-H 200 Concave & Convex Panels, RAL 3015
U-Profile + J-Bar



01



02



03

SALON MEBLOWY VOX

Poland

ARCHITECT
Meble Domo

CLIENT
Meble Domo

MAIN CONTRACTOR
LLC Energo-Stroy

PHOTOGRAPHER
© Szymon Polański

Ambition

To emulate real homes and apartments, this furniture retailer desired a simple and streamlined design with a maximum ceiling height of three metres. Knauf Ceiling Solutions' challenge was to provide a solution that brought the light and airy feel of Nordic styling to these residential dimensions.

Achieved

With this firmly in mind, the team from Salon Meblowy VOX decided on Cellio open cell metal ceilings in white. It created a lighter appearance, allowing for lower ceilings without adding unnecessary weight to the room. Bandraster profiles were also integrated to act as a tray for cables, resulting in a clean and minimalist vibe.

01/02/03

Cellio C49, RAL 9010
Exposed demountable - System C (15mm T-Grid, butt-cut)
Bandraster 175 mm





HEALTHCARE

SLIMMING WORLD HEADQUARTERS

United Kingdom

HOSPITAL TRAINING CENTER, RORSCHACHERSTRASSE

Switzerland

CENTRE OF MEDICAL SIMULATION, MEDICAL UNIVERSITY OF LUBLIN

Poland

SLIMMING WORLD HEADQUARTERS

United Kingdom

ARCHITECT
CPMG Architects

CLIENT
Slimming World

CEILING CONTRACTOR
Telling Finishings Ltd

PHOTOGRAPHER
© Simon Miles

Ambition

One of the UK’s leading weight loss organisations, Slimming World brings together members to share experiences and change behaviour and lifestyles. So, its own head office should be a bright, welcoming and sociable meeting space – which is why a refurbishment needed to deliver a pristine ceiling solution with unparalleled levels of hygiene.

Achieved

To make this a reality, METAL Tegular 8 Microperforated tiles with TrioGuard™ coating was used within the restaurant areas for its ability to prevent dirt build-up and look newer for longer. Together, these solutions opened up the potential of Slimming World’s headquarters – creating positive spaces to help people make similarly positive life changes.

01/02/03
METAL Tegular 8, Rd 1522, TrioGuard™ dirt-resistant coating, Premium OP19 Acoustic Fleece Exposed demountable - System C (24mm T-Grid)



HOSPITAL TRAINING CENTER, RORSCHACHERSTRASSE

Switzerland

ARCHITECT
Forma Architekten AG

CLIENT
St. Gallen Cantonal Hospital,
Department Bau und Raum

CEILING CONTRACTOR
Siplan Herisau AG

PHOTOGRAPHER
© Foto Lautenschlager

Ambition

The commercial building at No. 226 Rorschacherstrasse serves as a fusion of healthcare and education: a training facility for St. Gallen Cantonal Hospital. Externally blending with the urban streets of St. Gallen, the interior challenge was to create an immersive, expressive learning environment – a modern space to inspire excellence in healthcare.

Achieved

Toying with light and shadow – and interior design expectations – the team created a playful stepped ceiling effect with custom METAL R-H 200 ceilings in the lobby and canteen, making an instant impact on visitors. METAL D-H 700 floating ceilings were combined with the METAL F-H 600 system in open plan areas and linear METAL V-P 500 in the auditorium. The result: a strikingly geometric, accented ceiling that plays with planes while blending modernity and practicality – diffusing light and expressive design throughout the building.

01
METAL D-H 700, Rd 1511, RAL 9016
U-Profile
METAL F-H 600, Rd 1511, RAL 9016
Wall Bracket + J-Bar

02
Custom METAL R-H 200, Rd 1511, RAL 9016, various heights
U-Profile + J-Bar

03
METAL V-P 500, Rd 1522, RAL 9016
U-Profile



CENTRE OF MEDICAL SIMULATION, MEDICAL UNIVERSITY OF LUBLIN

Poland

ARCHITECT
arch. Piotr Machowiak Pracownia,
Architektoniczna 1997

CLIENT
Medical University of Lublin

PHOTOGRAPHER
© Szymon Polański

Ambition

Professionalism, commitment and cooperation are the three core values adopted by the Medical University of Lublin. To honour such principles, the Centre of Medical Simulation asked for a learning environment that put hygiene, durability and quality at the forefront of the ceiling design.

Achieved

METAL R-Clip F, Q-Clip F and METAL Lay-In solutions opened up the possibility of using various perforation patterns and acoustic infills, to achieve the demanding acoustic performance of a healthcare space. A durable, sleek finish lent itself as a hygienic choice and easy access to the ceiling allowed service devices to be concealed, creating a resistant and easy to maintain environment.

01/02/03

METAL MicroLook 8, Rd 1522, RAL 9010, Black Premium B15 Acoustic Fleece
Exposed demountable - System C (15mm T-Grid)





TRANSPORT

ZURICH TRAIN STATION, PASSAGE SIHLQUAI, EXIT EUROPAALLEE
Switzerland

SPLIT AIRPORT
Croatia

ZAGREB AIRPORT LTD, GENERAL AVIATION TERMINAL
Croatia

SHEREMETYEVO INTERNATIONAL AIRPORT
Russia

ZURICH TRAIN STATION PASSAGE SIHLQUAI EXIT EUROPAALLEE

Switzerland

ARCHITECT

Stücheli Architekten AG
Dürig AG

CLIENT

Schweizerische Bundesbahnen SBB

CEILING CONTRACTOR

Röösl AG

PHOTOGRAPHER

© Foto Lautenschlager

Ambition

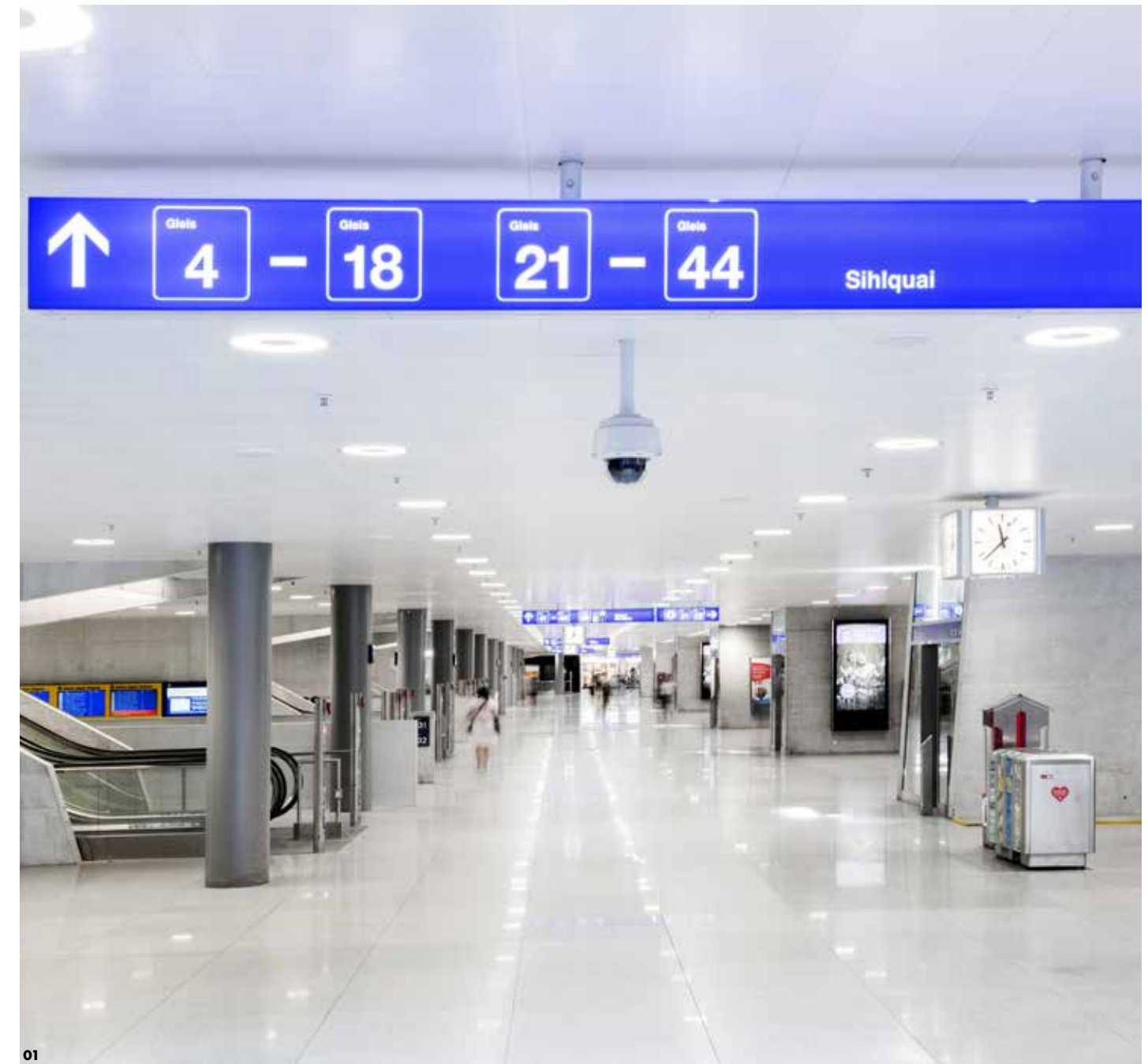
The westernmost passage of Switzerland's largest railway hub sees more than 100,000 travellers crossing through every day. So, it was essential to create a positive environment that evoked impressions of light and calm – where commuters and passengers could enjoy cafés, food courts, boutiques and shops in visual and acoustic comfort.

Achieved

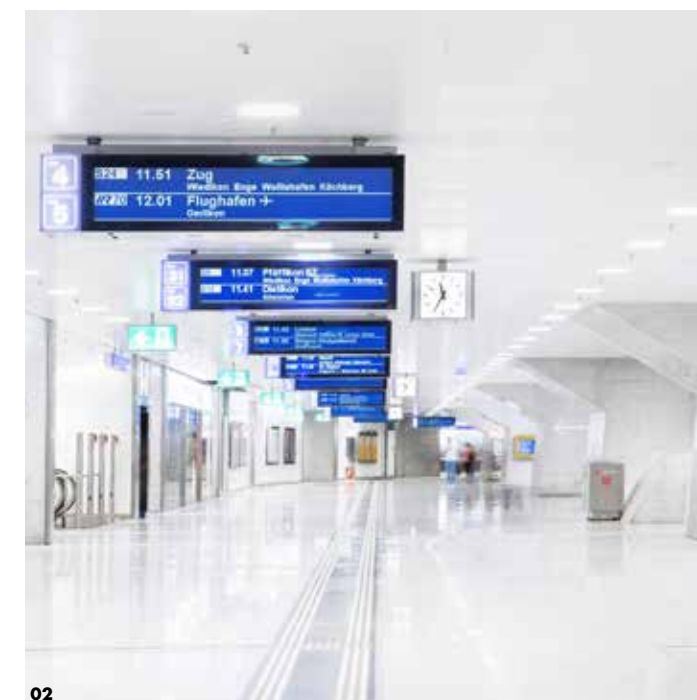
As well as solving the challenge of creating a bright, welcoming environment, the team needed to work around the everyday operation of one of Europe's busiest transport stations. METAL Q-Clip Microperforated ceilings with acoustic fleece were the ideal solution, delivering outstanding brightness and acoustic comfort to this underground space, while also being fast and easy to install and maintain. With a clean, seamless and monolithic aesthetic, the ceiling brings shape and definition to the passage – brightening every journey for travellers to Switzerland's largest city.

01/02/03

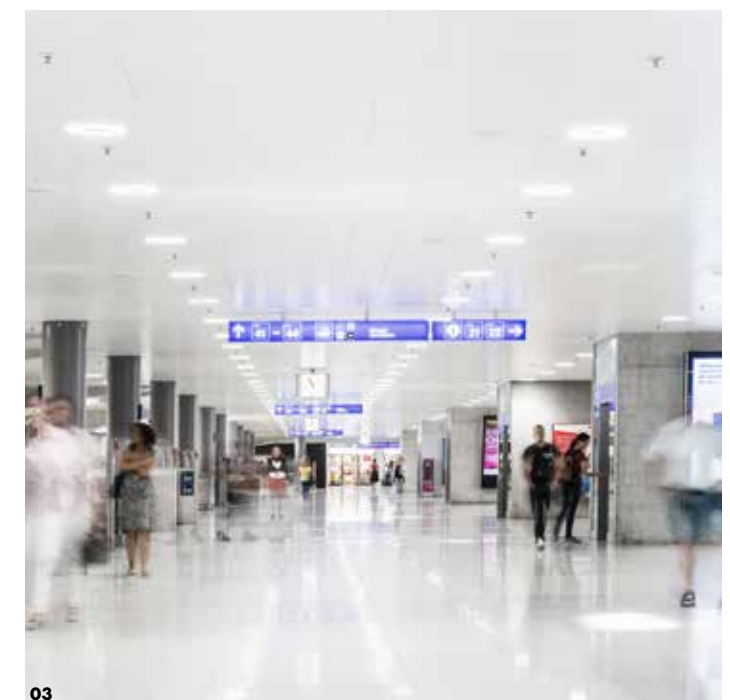
METAL Q-Clip, Rd 1522, RAL 9003, White Acoustic Fleece
U-Profile + DP12 A-Bar



01



02



03

SPLIT AIRPORT

Croatia

ARCHITECT
Ivan Vulić, V V - Projekt

CLIENT
Split Airport Ltd.

CEILING CONTRACTOR
Stjepan Posavec, Maksim IV d.o.o.

PHOTOGRAPHER
© Miljenko Hegedić

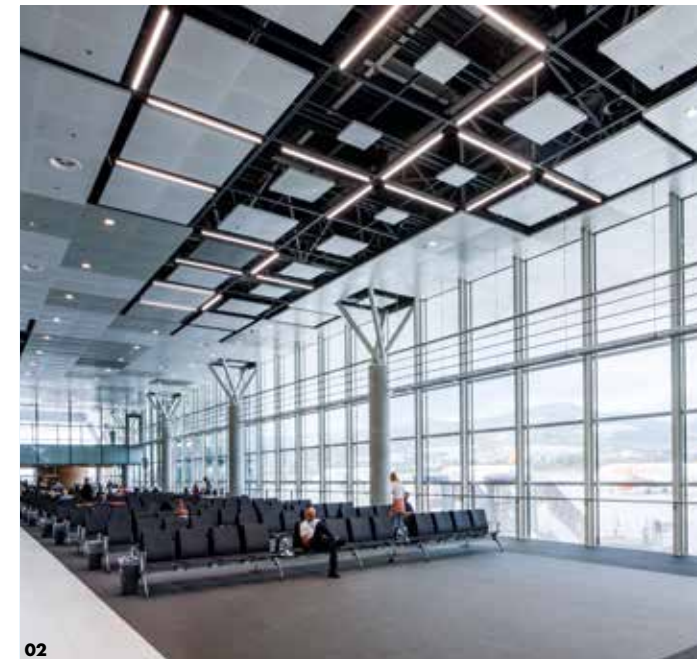
Ambition

The concept behind the project for Split Airport evolved from how humans conceive time and space. People are inquisitive three-dimensional beings, and the ability to fly allows us to connect two faraway places, in a relatively short time frame. The motive was to design a space that would resemble a four-dimensional habitat never seen before.

Achieved

Knauf Ceiling Solutions' team worked closely with both the architect and ceiling contractor to transform this vision into a reality. Using a combination of custom METAL Hook-On ceilings, METAL Canopies and METAL Baffles solutions, the end result enhances the shape of the mezzanine and brings the large open space to life.

- 01**
METAL Baffle, Rd 1522, RAL 9016
U-Profile
METAL Canopy, Rd 1522, RAL 9016, Premium OP19
Custom METAL Hook-On, Rd 1522, RAL 9005 & 9006
- 02**
Custom METAL Hook-On, Rd 1522, RAL 9005 & 9006
- 03**
METAL Baffle, Rd 1522, RAL 9016
U-Profile
- 04**
Custom MESH Hook-On, RAL 9005 & 9006



ZAGREB AIRPORT LTD, GENERAL AVIATION TERMINAL

Croatia

ARCHITECT
Gorana Giljanović, Eugen Popović

CLIENT
Zagreb Airport Ltd, General Aviation Terminal

MAIN CONTRACTOR
Gradel d.o.o.

PHOTOGRAPHER
© Miljenko Hegedić

Ambition

In designing the General Aviation Terminal at Zagreb Airport, the architect took inspiration from the sky, requesting a ceiling that brought the space closer to the passenger experience in the air. This was a perfect chance to introduce an element of creativity to a space that pushed simplicity and functionality.

Achieved

By using Mesh and Mineral canopies in uniform hexagons, Knauf Ceiling Solutions designed a ceiling that formed an abstract representation of clouds. Combining different textures with varying shades of blue and grey, and by setting the canopies at altering levels, the ceiling had plenty of depth to emulate flying through the clouds, giving this terminal a distinctive identity.

01/02
Custom hexagonal MESH, RB35, NCS S2020-R80B
Custom Hanging System



SHEREMETYEVO INTERNATIONAL AIRPORT

Russia

ARCHITECT
RMJM

CLIENT
TPS Avia Holding

MAIN CONTRACTOR
LLC Energo-Stroy

PHOTOGRAPHER
© Stoppamedia

Ambition

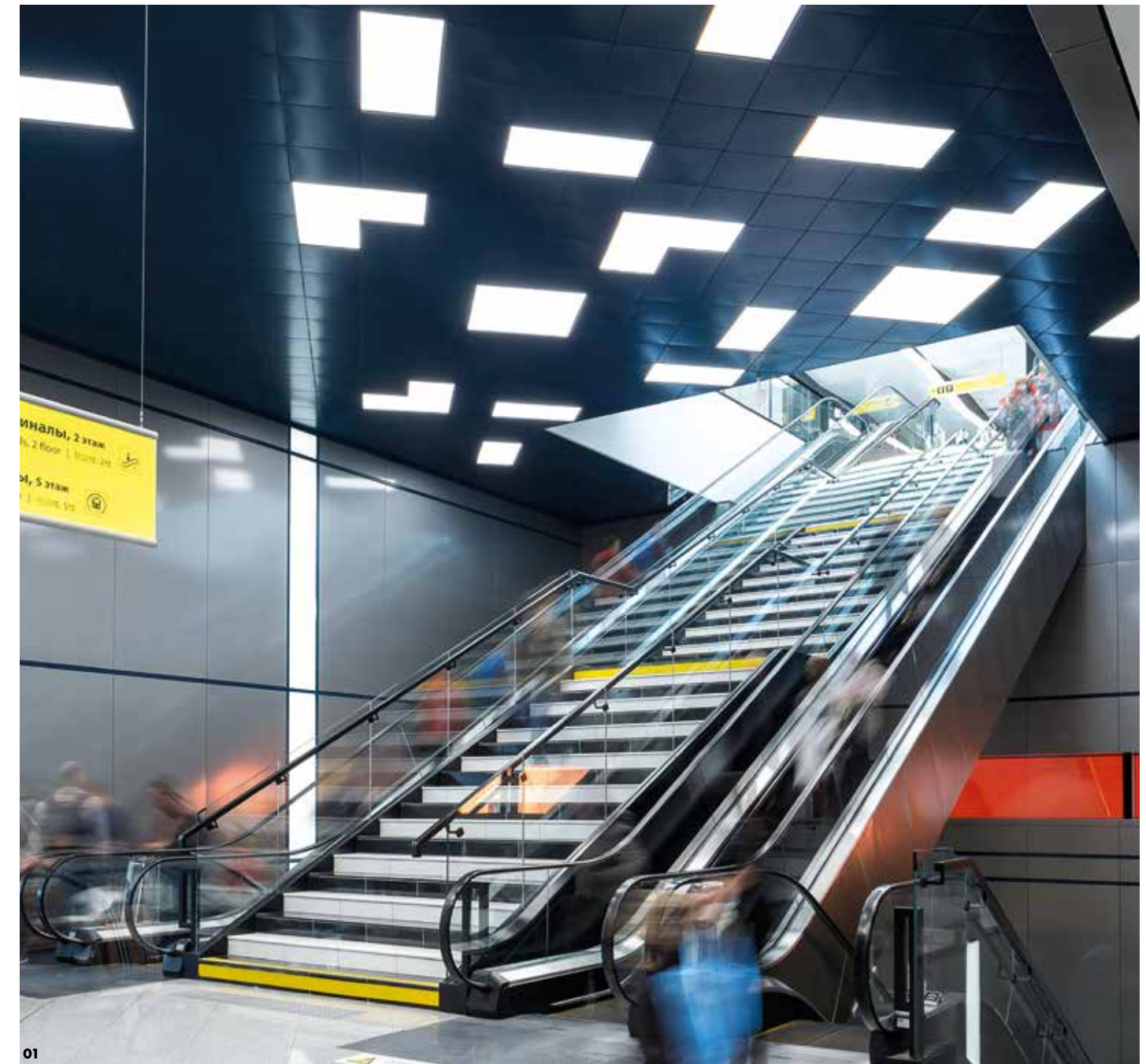
As the international hub for Russian flag carrier, Aeroflot, it was essential that Sheremetyevo's new interterminal passage took on a welcoming, modern and streamlined design. Accommodating over 40 million passengers annually meant providing a ceiling solution that was highly durable and in keeping with the overall striking appeal.

Achieved

To deliver the high-end aesthetic, balanced with a low maintenance, seamless installation, the architect and contractor teamed up with Knauf Ceiling Solutions to design a custom METAL Clip-In solution. The bold angular ceiling enhanced this highly visible public space, making every arrival and departure as memorable as the destinations themselves.

01
METAL Axal Vector, RAL 5020
Semi-concealed demountable - System C (24mm T-Grid)

02/03
Custom METAL Clip-In
U-Profile + DP12 A-Bar



01



02



03

All colour codes mentioned are based on the RAL colour standard. Subject to alterations in range and product technology without prior notice. Knauf Ceiling Solutions accepts no responsibility for printing errors.

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