WINDOW COVERINGS - CEILINGS - SUN CONTROL - FAÇADES

New Impressions

HunterDouglas

New Impressions

HunterDouglas WorldWide

HunterDouglas

New Impressions

It's an exciting time to be an architect. New methods, new materials, and new designs that were not feasible as little as two decades ago.

Throughout the world, Hunter Douglas is helping bring original ideas off the drawing board and into reality. We're working alongside the architecture and design community, creating some of the world's most recognizable buildings.

We know how much work goes into each project. That's why we've dedicated ourselves to the idea that for architects and designers to create innovative projects, they need innovative, customizable products.

'An inspirational environment stimulates the creativity and effectiveness of people'

New Impressions

Content

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History

The origin of Hunter Douglas goes back to 1919, in Dusseldorf, Germany, where Henry Sonnenberg founded a machine tool distribution and subsequently manufacturing company. In 1933 the entire stock of machines in a hundred and fifty railroad cars was moved to an abandoned shipyard in Rotterdam, the Netherlands and a machine tool operation was established. In 1940 Henry Sonnenberg moved to the United States and founded the Douglas Machine Company. A joint venture was established with Joe Hunter in 1946 and a new technology and equipment was developed for the continuous casting and fabrication of lightweight aluminium. This invention led to the production of Venetian Blinds and the company Hunter Douglas, as we know it today, was born. Hunter Douglas Aluminium Blinds quickly gained leadership in the American market, building a large network of more than 1000 independent fabricators in the US and Canada who sold Aluminium Blinds during the day and custom assembled them in their workshops at night.

In 1956 differences led to the sale of the US business. Henry Sonnenberg moved Hunter Douglas headquarters to Montreal, Canada and, using the European machinery business as a base, concentrated on building the window covering business outside the United States. During the 1960's Hunter Douglas expanded its operations in Europe and into Australia and Latin America. In this decade Hunter Douglas launches its first Architectural product: 84R for ceilings, façades and sun louvres. Made form 70% to 95% recycled content the 84R system is known for its attractive, fluid lines easy installation and design flexibility. A further diversification was created by the development of a unique aluminium ceiling system which was the foundation for the development of the Architectural Products business.

The Hunter Douglas Group went public in 1969, in 1971 the Hunter Douglas Group headquarters moved to Rotterdam the Netherlands, and Hunter Douglas N.V. became the worldwide Group Holding Company. In 1975 Hunter Douglas launches its new high performance external sun louvre system 70S/132S. This innovative louvre system provides outstanding sun protection with horizontal angled and vertical louvre without compromising visibility, delivering a crisp aesthetically pleasing look. In 1976 Hunter Douglas reacquired its former US business. During the 1980's Hunter Douglas continued its global growth and expanded into Asia. The innovative spirit of the company led to the development of revolutionary new products to meet the increasing demand for fashion and functionality.

Today, the Hunter Douglas Group, as the world leader in window coverings and a mayor manufacturer of architectural products, comprises of 167 companies with 68 manufacturing and 99 assembly plants and marketing organizations in more than 100 countries. Hunter Douglas employs about 16,500 people worldwide.

Introduction

For more than 50 years, the architecture and design community has specified contract products from Hunter Douglas, the world leader in window coverings and a major manufacturer of architectural products.

Our tradition of bringing breakthrough products to market makes us the company of choice for an array of contract solutions, including innovative systems for interior and exterior window coverings, acoustical and metal ceilings, sun control, and façades. We are continually seeking, testing and developing new concepts and products that will enable us to meet ever-more-demanding standards of performance.

From specification to installation, we work with architects, designers and builders to manage light, heat and acoustics. Our expertise in customization, fabrication, installation and technical support delivers outstanding products with our design hallmark, outstanding performance, and exceptional durability. Hunter Douglas' commitment to sustainability and responsible development is evidenced by our continuous efforts to address environmental concerns, improve production processes, eliminate waste and reduce maintenance.

The Hunter Douglas portfolio includes thousands of high-profile projects around the world, from retail, corporate and commercial facilities; to major transit centers and public spaces; to hospitality, health care, educational and governmental buildings.

An exciting time!

Over the last 50 years we have been privileged to collaborate with talented architects around the world on inspiring projects.

Now more than ever, the ability to innovate defines success in architecture and design. Doing more with less, meeting and exceeding higher standards, and creating structures and infrastructures that enhance sustainability - both inside and out.

At Hunter Douglas, we're continually developing innovative product solutions that improve building performance and indoor environmental quality, while reducing environmental impact and conserve energy.

To celebrate innovative architecture we are proud to present our first edition of the Hunter Douglas Impressions book that showcases your exciting designs with outstanding interior and exterior window coverings, acoustical and metal ceilings, solar control and façades application.

Aad Kuiper
President & CEO
Hunter Douglas European Operations

'Good indoor environmental quality and substantial energy savings go hand in hand'

Sustainable Comfort

Visual Comfort
Research has indicated that human beings prefer to work in daylight conditions and to stay in contact with the outdoors. It improves a person's well being and productivity. Through optimizing interior brightness and glare levels and maintaining the visual contact with the outdoors the visual indoor climate can be improved.

Thermal Comfort
Feeling too hot or too cold is largely depended on the indoor temperature and directly influenced by solar heat gain through windows and façades. Developing strategies to regulate these thermal gain are essential in achieving good Indoor Environmental Quality.

Acoustic Comfort
Intelligibility of speech is directly dependent of elements of the surrounding environment, like background noise levels and reverberation time. Experiencing poor acoustic conditions have large impact on the Indoor Environmental Quality and can result in decreased productivity.

Indoor Air Quality
The Indoor Air directly relates to the health and comfort of building occupants and can be affected by microbial contaminants, gases and particulates. Using ventilation, filtration and source control are the primary methods for improving the Indoor Air Quality.

Personal Control
Personal Control over our direct environment positively influences our appreciation of the Indoor Environmental Quality. Well designed systems can improve overall comfort levels and ensure personal control.

Materials & Design
Valuable resources are protected and conserved by using the right materials and reduce energy use through superior design, efficient manufacturing techniques and improving the material lifecycle for production to recycling.

Energy Use
Good Indoor Environmental Quality and substantial energy savings go hand in hand. Control over the elements that affect the Indoor Environmental Quality immediately decreases the amount of energy needed to operate the building; cooling and heating energy can be saved through effective contribution of solar heat and artificial lighting is limited when using daylight.

An insight in Sustainable Comfort

Hunter Douglas high performance solutions contribute to sustainable building architecture - from advanced solar control systems, to intelligent façade solutions and high performance acoustic ceilings, our products and materials significantly contribute to energy savings and enhance interior comfort.

Green buildings are not only about recycled content or reducing energy

Creating a pleasant and attractive environment and minimizing environmental impact is a challenge faced by architects. Indoor Environmental Quality (IEQ) is an important aspect of such an environment. The overall well-being of the building occupants and their associated productivity contributes to the cost benefit of sustainable design. Furthermore workspaces which are comfortable, naturally lit and allow occupant's access to the outdoors can reduce turnover and costly absenteeism.

Indoor Environmental Quality includes at least 5 elements:

- Visual Comfort
- Thermal Comfort
- Acoustic Comfort
- Indoor Air Quality
- Personal Control

Products and solutions

Hunter Douglas products and solutions are designed to improve Indoor Environmental Quality and conserve energy, supporting built environments that are comfortable, healthy and sustainable. Our engineering and production processes minimize embodied environmental impact while meeting the highest standards for commercial, hospitality, industrial and institutional applications.

'Students with adequate natural daylight in their classrooms showed 20% faster progress in math tests and 26% in reading tests during one year'

HunterDouglas Window Coverings a complete sustainable comfort program

Window Coverings

Living Light

Our Window Covering come under the general term ‘solar shading’, which means that they allow control of the amount of heat and light emitted by the sun. That is to the benefit of comfort and energy consumption, because Hunter Douglas solar shading products keep excessive heat out in the summer and gently filter the abundant sunlight, while optimizing the use of the inexhaustible source of the free, renewable energy that is natural daylight. As the world market leader in Window Coverings, Hunter Douglas provides architects the knowledge and expertise to select the best heat and light control systems for each building, enhancing the façade while providing highly effective sun protection.

Design

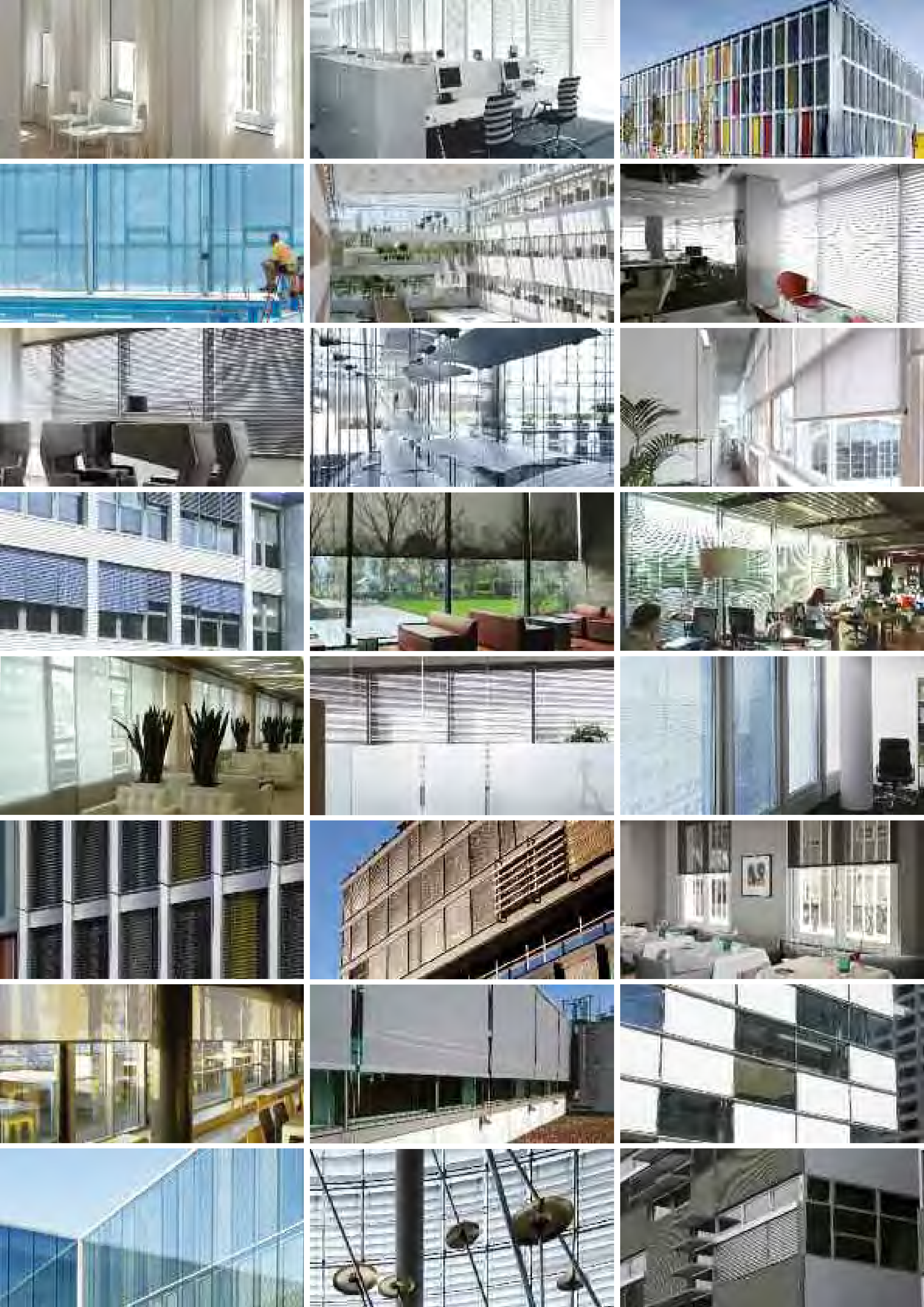
Our Window Covering Systems are engineered for all types of windows. They are operated by hand or motorized, or will be fully automated and controlled by sensors for light, temperature and wind, depending on the application. A wide range of system principles (Venetian Blinds, Roller Blinds, Plissé Shades, Vertical Blinds etc.) and materials (aluminium, wood, fabrics) are available, as well as a variety of shapes, sizes and finishes.

Functionality

A good external window covering system (Vertical Roller Blind, Venetian Blind) will reduce the indoor temperature considerably and therefore eliminate or reduce the need for artificial cooling. Our interior systems are especially effective for insuring good visual comfort conditions: controlled amount of light and pleasant contrast conditions, while making optimum use of free, natural daylight. Hunter Douglas has software packages allowing the calculation of these functional results (indoor temperatures, energy demand, light and contrast conditions) for any particular case.

Comfort

Modern buildings are so well insulated that they have only little need for heating. The internal heat gains have increased (PC’s, printers and copiers) and that’s why keeping a building cool in summer conditions becomes a greater problem than heating it in winter time. The heat gain caused by the sun then creates a need for vast cooling capacities to ensure the comfort of a building’s occupants. ‘Comfort’ includes at least four elements: the right temperature (thermal comfort), good light and contrast conditions and view to the outside (visual comfort), no noise nuisance (acoustical comfort) and good indoor air quality. All of these elements are to the benefit of comfort, but also of a healthy and productive environment for the occupants of the building.



Wezemberg *Antwerp, Belgium*
Olympic Swimming Pool

Project : Wezemberg Olympic Swimming Pool
Location : Antwerp, Belgium
Product : Internal XXL Roller Blinds
Architect : ESSA

TNT Headquarters

Hoofddorp, the Netherlands

With the Planet Me program, TNT has set itself the ambition be the first postal and express company in the world that operates without emissions.

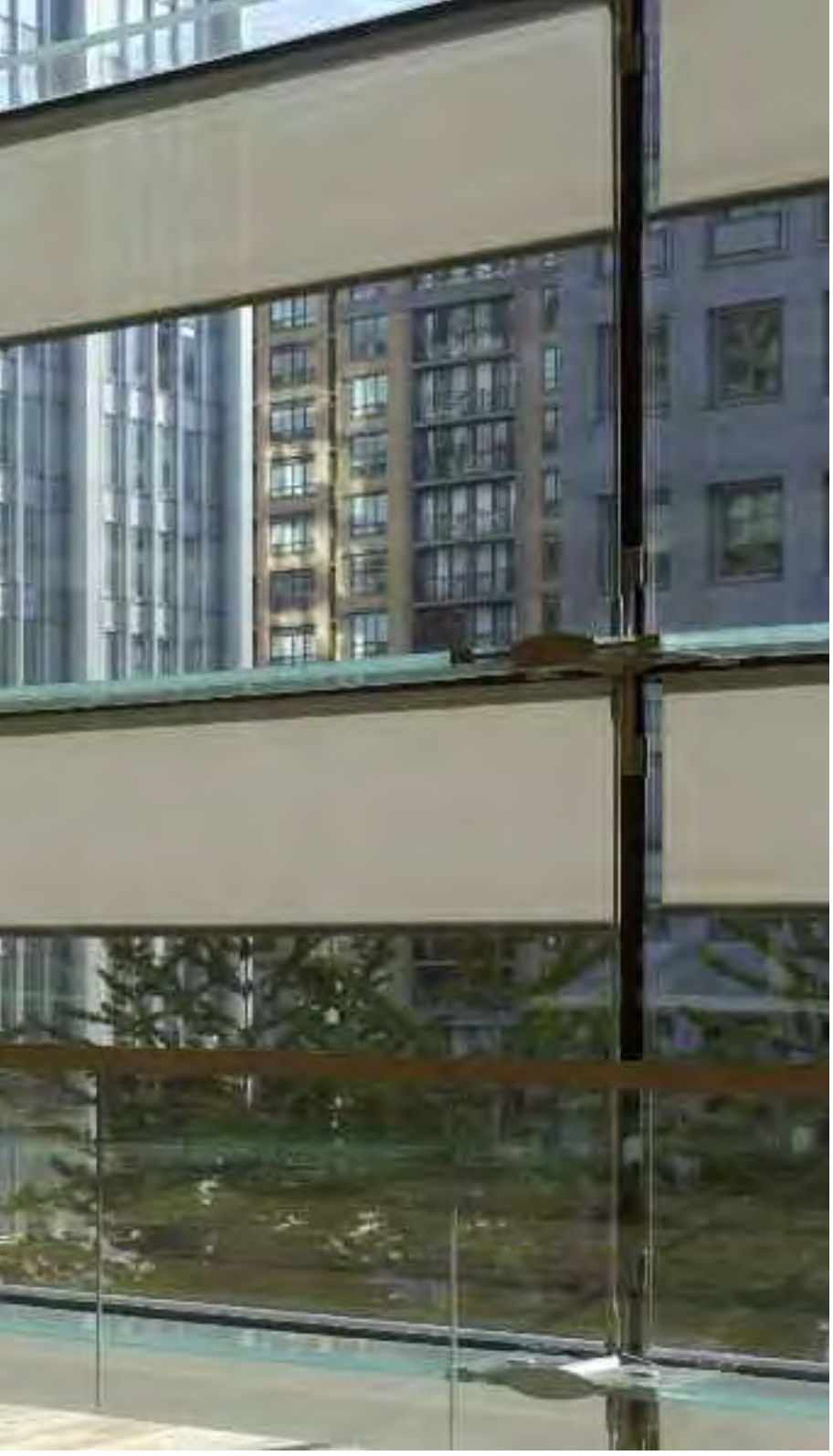
The new TNT Headquarters in Hoofddorp is the first in a series of six so-called Green Offices and complies to this high ambition. The building, designed by architect Paul de Ruiter, meets the highest requirements in terms of sustainability criteria: CO_2 emission free, and the highest LEED Platinum Greencalc+ certification ever achieved in the Netherlands.

The building is designed as a compact office with plenty of daylight and an atrium. The orientation of the building is optimized to solar impact where the heat and cold surplus is stored in the soil by heat and cold storage. Special awnings in the façade reduce the solar impact onto the building, requiring less cooling for the building. Through the active use of window covering the daylight entry is controlled. The design of the building lets the daylight fall deep inside, reducing the necessity of artificial lighting. The project also pays attention to the materials; a prescribed minimum amount of recyclable material and a large of 'regional' materials, are used.

Project : TNT Headquarters
Location : Hoofddorp, the Netherlands
Product : Luxaflex® Roller Blinds and Luxalon® Ceilings
Architect : Paul de Ruiter

Four Seasons Centre for the Performing Arts

Toronto, Canada



Project : Four Seasons Centre for the Performing Arts
Location : Toronto, Ontario, Canada
Product : Exterior Motorized Roller Shades
Architect : Diamond and Schmitt Architects, Inc.

Project : Euro America Center (EAC)
Location : Hangzhou, Zhejiang Province of China
Product : Roller Shades (FR),
Duette® Honeycomb Shades,
Silhouette® Window Shadings
Architect : Wong Tung & Partners Limited

Euro America Center *Hangzhou, China*

Project : Telindus Headquarters
Location : Haasrode, Belgium
Product : Venetian Blinds 60 mm and Roller Blinds
Architect : Jo Crepain

Telindus Headquarters *Haasrode, Belgium*

Unilever-Bestfoods

Rotterdam, the Netherlands

Project : Unilever-Bestfoods
Location : Rotterdam, the Netherlands
Product : Venetian Blinds
Architect : JHK Architects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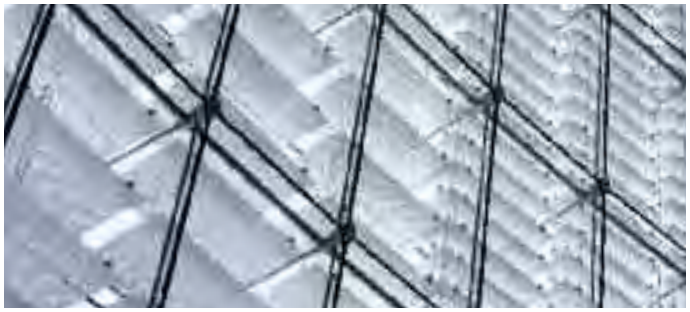
221

Project : Alley 24 Office Building
Location : Seattle, USA
Product : External Venetian Blinds
Architect : NBBJ

Alley24 *Seattle, USA*
Office Building

Armani Hotel

Dubai, United Arab Emirates *Burj Khalifa*



Located in the world's tallest building, the Burj Khalifa in Dubai, the Armani Hotel Dubai is the world's first hotel that is designed and developed by famous designer Giorgio Armani.

The 7 star hotel reflects pure elegance, simplicity and sophisticated comfort that fits the Giorgio Armani style.

The Armani signature stands on every detail in the hotel. The hotel will provide 160 guestrooms and suites, and 144 residences.

A real eyecatcher is found in the entrance hall, where special designed mega blinds are applied to meet the high requirements of visual and thermal comfort. The mega blind panels have a width of 1200 mm and the exceptional application has a total height of 25 meter. A central building system controls the motorised applications and automatically adjusts the shadow angle of the powder coated blind panels.

Project : Armani Hotel, Burj Khalifa
Location : Dubai, United Arab Emirates
Product : Custom Design Horizontal Blinds
Architect : Skidmore, Owings and Merrill

Las Palmas Office

Rotterdam, the Netherlands

Project : Las Palmas Office
Location : Rotterdam, the Netherlands
Product : Screen Roller Blinds
Architect : de Jong Gortemaker Algra

Project : Taurus Media Office
Location : Munich, Germany
Product : EL 80 AS Electrical, 80 mm
Architect : ALHO

Taurus *Munich, Germany*
Media Office

InterContinental
Shanghai Expo

Shanghai, China

Project : InterContinental Shanghai Expo
Location : Shanghai, China
Product : Motorised Roller Shades,
FSS Skylight,
50 mm Exterior Blinds,
Motorized Wood Blinds,
Motorized Duette® Honeycomb Shades,
Hospitality Fabric and
Vignette® Roman Blinds
Architect : Shanghai HKG Architecture
Design Consulting Co., Ltd.

Project : Bee-Line
Location : Moscow, Russia
Product : Vertical Panels
Architect : Irina Turuntaeva

Bee-Line

Moscow, Russia

Rabobank

Maastricht, the Netherlands

Project : Rabobank Maastricht
Location : Maastricht, the Netherlands
Product : Venetian Blinds
Architect : Smeets Woning & Projectinrichting

Project : Central Plaza
Location : Brussels, Belgium
Product : Venetian Blinds
Architect : Montois Partners - Art & Build

Central Plaza

Brussels, Belgium

'Josef Gasser' *Bressanone, Italy*
Pädagogisches Gymnasium

Through a European-wide competition for the new teacher high school and sursery in Bressanone, German Architects Peters & Keller were selected to design the complex.

Located in the South-Tyrol mountain area of Bolzano, a new site was found close to the gymnasium of architects Otmar Barth and Paul Seeber. Michael Peters and Thomas Keller have designed the high school as a U-shaped, three storey building on an area of 60 x 60 meter, which covers the north oriented school yard on three sides. The elongated two-storey nursery sits at the northern base boundary.

The façade of the high school consists of one-storey tall glazing and bright coloured opaque panels with integrated ventilation. The exterior aluminium blinds are applied throughout the total façade and provide sufficient sun protection for the exterior spaces and articulate the façade as well: from a distance, the building looks like a solid volume that, when you get close, opens up.


JOSEF GASSER

Project : 'Josef Gasser' Pädagogisches Gymnasium
Location : Bressanone, Italy
Product : External Venetian Blinds
Architect : Peters & Keller Architekten, Stuttgart

The Bond *Sydney, Australia*
Office Building

Project : The Bond Office Building
Location : Sydney, Australia
Product : Motorized External Venetian Blinds
Architect : Bovis Lend Lease

Project : Arrest Hotel
Location : Roermond, the Netherlands
Product : EOS 500 Roller Blinds and Duoblinds
Projectpartner: Van der Valk Design

Arrest Hotel

Roermond, the Netherlands

De Lijn

Mechelen, Belgium

Project : De Lijn
Location : Mechelen, Belgium
Product : Roller Blinds and Venetian Blinds
Architect : S/VR Storme Van Ranst

Project : Administratief Centrum De Vuurmolen
Location : Overijse, Belgium
Product : Screens, Omega Sun Control, Folding Shutters and Wooden Ceilings
Architect : A2D Architects

Overijse, Belgium

Administratief Centrum De Vuurmolen

'Conversation noise has a greater negative impact on productivity than acoustic noise at the same level'

Ceilings

Looking Up

Hunter Douglas ceilings add good design, functionality and comfort to buildings. We have been leaders in the industry for more than 50 years due to our high-quality, reliable products, our continual innovations and our excellent record of service to customers.

Design

Hunter Douglas' range of ceiling solutions allows architects to explore designs with a variety of materials including metal, textiles and wood. Our wide range of systems, colours and finishes offers true freedom of design. All from a single source.

Functionality

We develop our ceiling products as systems - integrated combinations of panels and substructures. Architects can evaluate all aspects of the ceiling, from the visible surfaces to the construction and decide what will work best for them. Then our systems can be customized to fit their needs, often without costly adaptations and right on the construction site. Our integrated, customisable ceiling systems allow freedom of choice while reducing the cost of failure.

We are committed to quality. We have expertise and a long history of success at every stage of the manufacturing process - from processing raw materials, to manufacturing and finishing panels, to installation and maintenance of ceilings throughout their lifespan. Durable, high-quality ceilings from Hunter Douglas lower the lifecycle costs of a building.

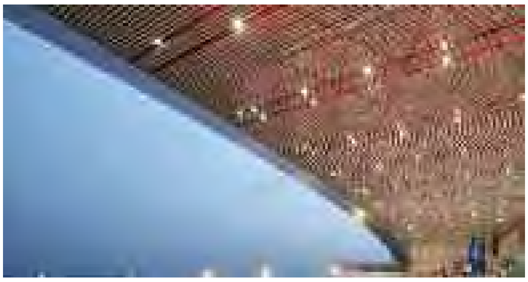
Comfort

Every part of a building works together to create a comfortable, healthy and productive environment for those inside. Hunter Douglas ceiling products help architects control noise, improve interior air quality and even manage light and heat.



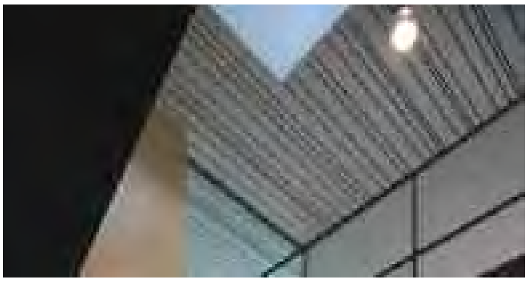




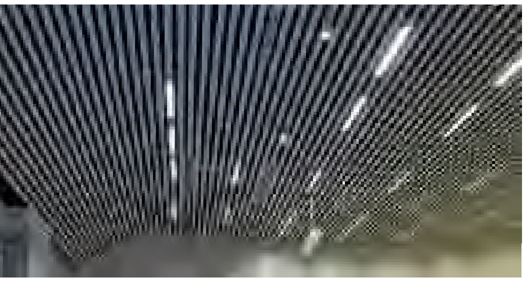





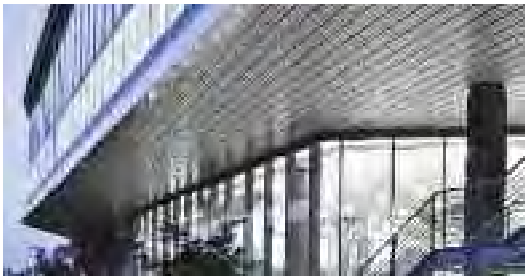











Project : UBI - Universitäts Bibliothek
Location : Innsbruck, Austria
Product : Stretch Metal
Architect : Dipl.-ing. Ditmar Rossmann

Universitäts Bibliothek *Innsbruck, Austria*

León Airport

León, Spain

The new airport terminal in León, in the Northwest of Spain, is designed to magnify the economic and social 'magnetism' of León and to give the province means to face the 'challenges' of the future. The new terminal for domestic travel has a total ground floor of 4900 m², where all airport facilities are located.

The idea behind the envelope of the building is to enhance the natural feeling of fluidity, both in the process of rapprochement from the land site, and from the experience approaching from the air. A high volume setting with a glass curtain wall and a large longitudinal skylight is designed to give expression to this idea.

Inside the building an open-linear solid wood ceiling of Hunter Douglas has been applied. The wooden ceiling gives character to the set from the inside and creates a unique and natural atmosphere, where the slatted beds and different curvatures also significantly improve the acoustics of the terminal. The wood used is in full respect with the environment and comes from certified forests.

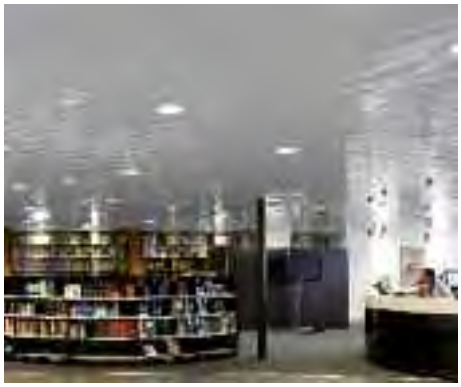
Project : León Airport
Location : León, Spain
Product : Combined System
Linear 15 x 116 mm - joint 19 mm
Grill 5-60-20-60
Architect : Francisco Benítez

Atlas Arena

Lodz, Poland

Project : Atlas Arena- Sport and Entertainment hall
Location : Lodz, Poland
Product : Techstyle® Ceiling and Metal Tile Ceiling
Architect : ATJ

Project : Centraal Bureau voor de Statistiek
Location : Leidschendam, the Netherlands
Product : Wide Panel 300L
Architect : De Architekten Cie



Centraal Bureau voor de Statistiek

Leidschendam, the Netherlands

Vnukovo Airport

Moscow, Russia

Project : Vnukovo Airport
Location : Moscow, Russia
Product : Ceilings: V100/V200, Multipanel 30BD, 80B, 130B, 180B. Sun Control: Sun Louvre 70S. Façades: 150F, MPF, QuadroClad® systems
Architect : MetroGiproTrans

Project : 0_2 bridge soffit
Location : Slough, United Kingdom
Product : Solid Wood
15 x 92 mm - joint 19 mm
15 x 109 mm - joint 2 mm
Architect : Bennett Architects

0_2 bridge soffit

Slough, United Kingdom

Waterschap Brabantse Delta

Breda, the Netherlands

The Water Authority 'Brabantse Delta' has realized a new office building in Breda, with strong focus on energy efficiency of the building and comfortable workspaces for its users. The building is 160 meter long and has a tight linear composition. The office only has flexible workspaces and the interior looks bright and quiet.

The challenge in the design was found in the combination of low-energy and high comfort. Concrete Core Activation was used as building heating for its energy efficiency and thermal comfort, where the ceilings are of concrete. In a normal situation this is in conflict with workable space acoustics in an open office concept, where a reduced ceiling is necessary.

Hunter Douglas came with a solution with the type 30BD panel ceiling. With this panel ceiling, with its open setting and high acoustical performance, it is possible cover the complete ceiling and have a good thermal conductance.

Project : Waterschap Brabantse Delta
Location : Breda, the Netherlands
Product : Linear 30BD acoustic+, perforation colour 0280
Architect : Claus en Kaan Architecten, Rotterdam

Beijing International Airport T3

Beijing, China

Project : Beijing International Airport T3
Location : Beijing, China
Product : Linear Panel Ceiling, Open Ceilings and QuadroClad® Panels
Architect : Norman Foster

Project : Escuela Technica Superior de Arquitectura
Location : Valencia, Spain
Product : Multi Panel
Architect : Giro Vidal and Vicente Vidal

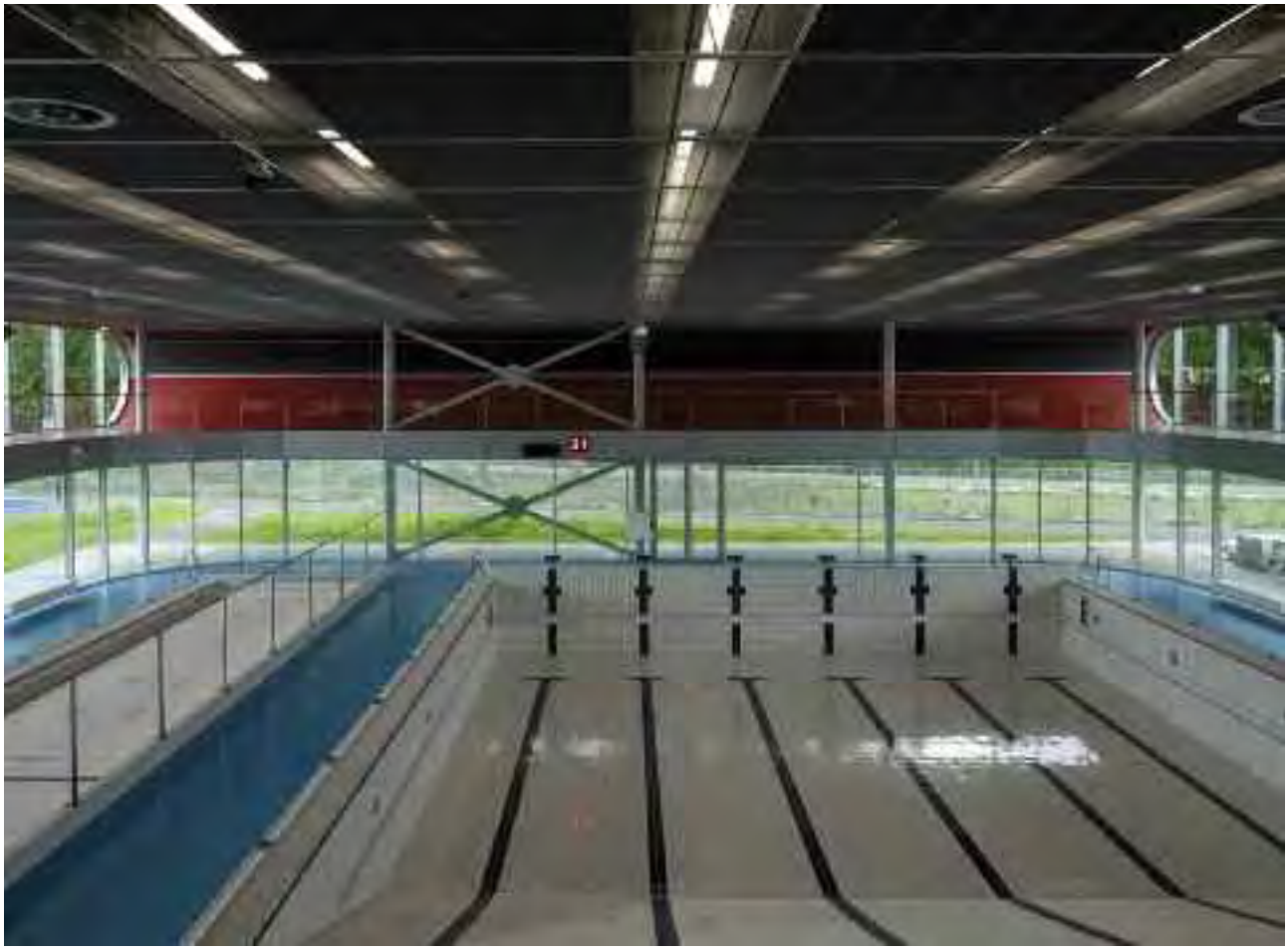
Valencia, Spain

Escuela Technica
Superior de Arquitectura

Station Bijlmer

Amsterdam, the Netherlands

Project : Station Bijlmer
Location : Amsterdam, the Netherlands
Product : Wide Panel 300T
Architect : Nicholas Grimshaw in cooperation with Arcades Engineering Agency



Project : Ronald Mc Donald Centre
Location : Amsterdam, the Netherlands
Product : Stretch Metal
Architect : FACT Architects

Only Friends Ronald McDonald Centre

Amsterdam, the Netherlands

Manchester Airport T1

Manchester, United Kingdom

Inside Manchester Airport Terminal 1, the Alpha Group has opened a new walkthrough Tax and Duty Free store. The 2,635 m² store represents a radical overhaul of the main travel retail offer at the terminal, which is currently undergoing a major modernisation.

The retail outlet promises to redefine the airport shopping experience by offering a stylish and contemporary environment that is ambitious and yet inclusive for consumers. The storey's design is central to this concept and features an amazing series of vertical ceiling panels that are suspended at different heights to create a concertina like effect to the internal roof void.

This baffle concept was the brainchild of designers HMKM London and was produced by developing Hunter Douglas' QuadroClad® aluminium honeycomb core façade system, into a vertically suspended solution. The baffles vary in size between 130 mm and 1500 mm deep, and the scheme includes curved sections in plan and dramatic S-shaped transition pieces to flow between high and low levels.

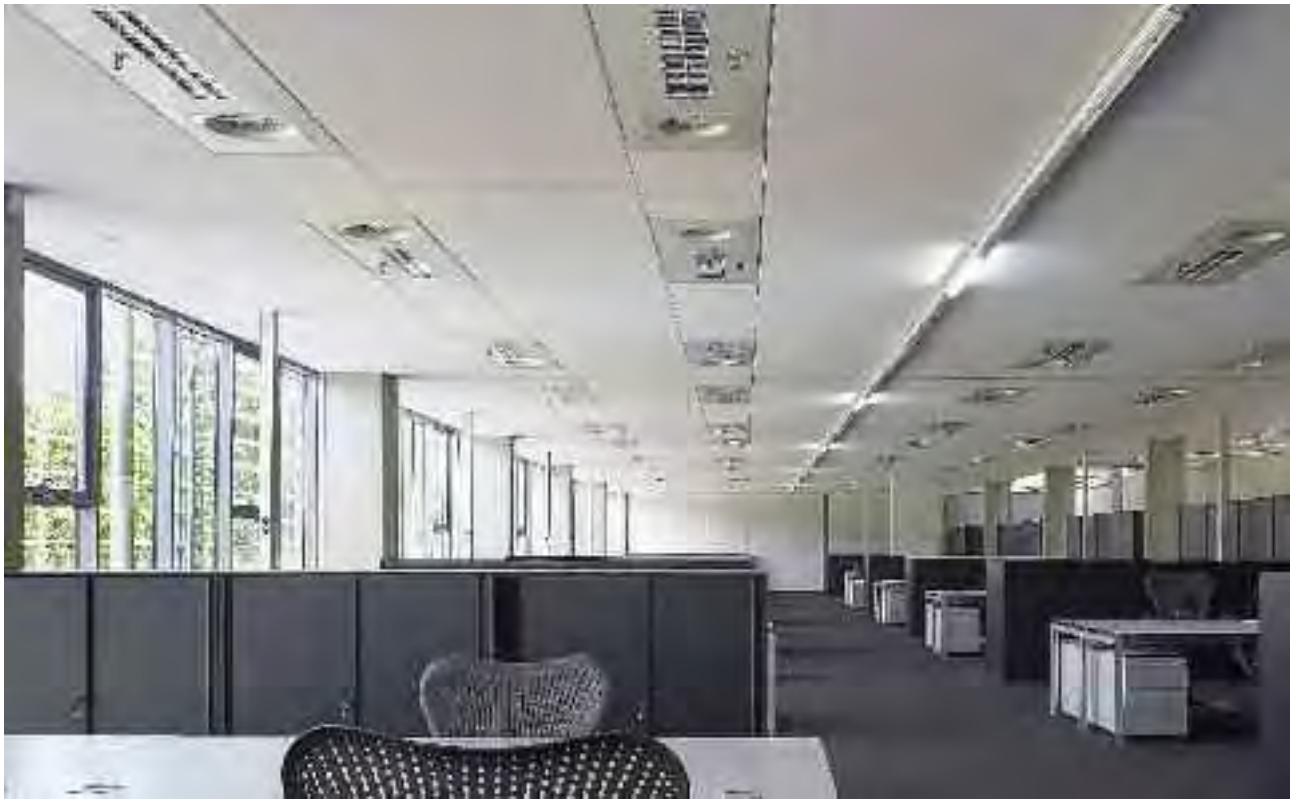

MAC
2 for
£18

Project : Manchester Airport T1, Biza Retail (Tax&DutyFree)
Location : Manchester, United Kingdom
Product : Quadroclad® Baffles (straight, curved, special shapes)
Architect : Christopher Hampshire

Ferring International Center Ltd

Saint Prex, Switzerland

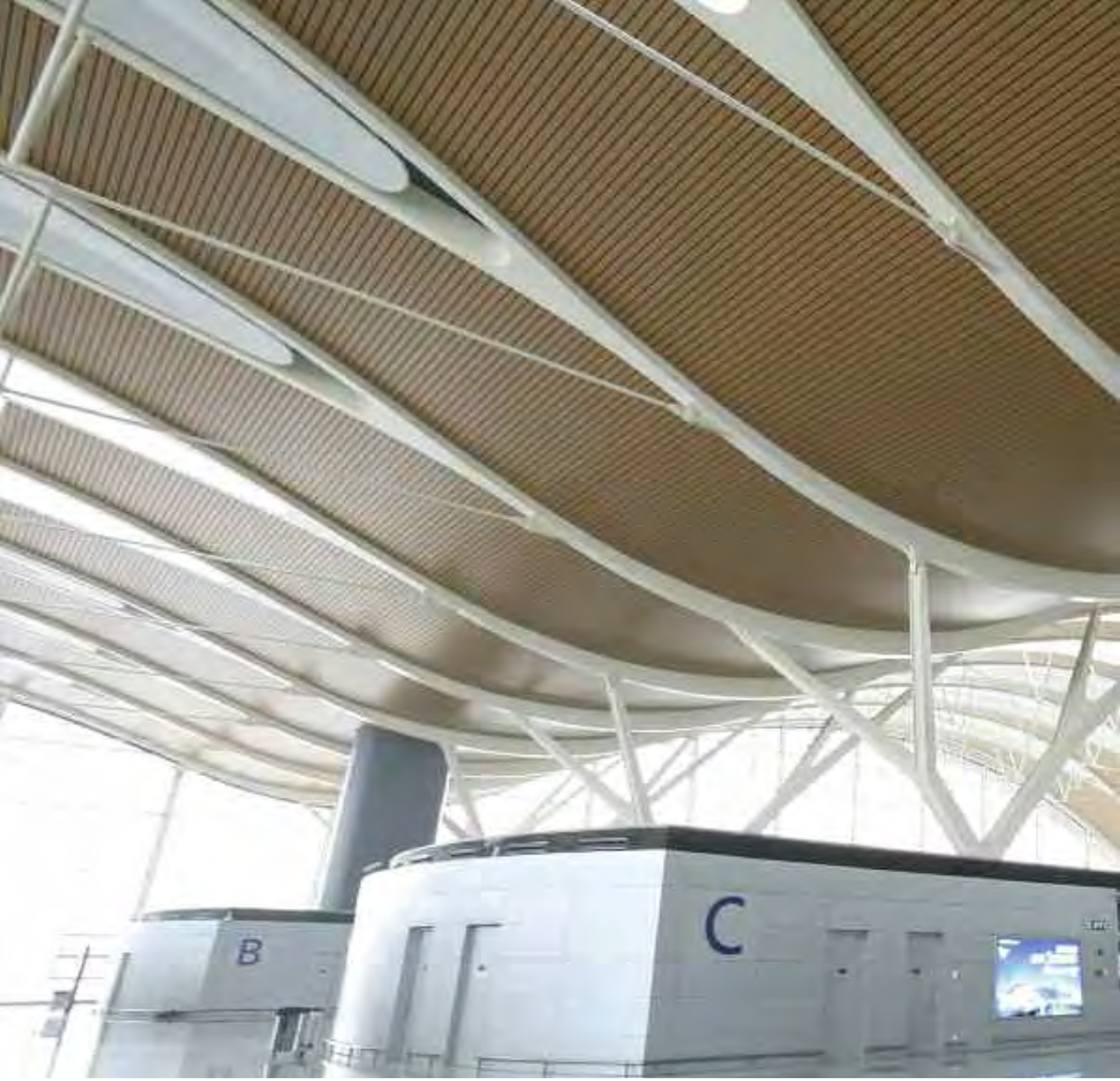
Project : Ferring International Center Ltd
Location : Saint Prex, Switzerland
Product : Solid Wood Grid System
Architect : CCHE Architecten, Lausanne



Project : Ravago Plastics nv
Location : Arendonk, Belgium
Product : Techstyle® Acoustical Ceiling
Architect : Lou Jansen

Ravago Plastics nv

Arendonk, Belgium



Pudong *Shanghai, China*
International Airport Terminal 2

Project : Pudong International Airport T2
Location : Shanghai, China
Product : Wood Linear 180B
Architect : East China Architectural Design & Research Institute

Project : Dubai Mall
Location : Burj Dubai, United Arab Emirates
Product : 300C Curved, 84R, V100/200, Stretch Metal, Cell Ceilings
Architect : DP Architects PTE Ltd

Dubai Mall

Burj Dubai Development

Frankfurt Airport

Frankfurt, Germany

Project : Frankfurt Airport
Location : Frankfurt, Germany
Product : V40 Movable Ceiling
Architect : Jo Franzke

Project : Red Apple
Location : Rotterdam, the Netherlands
Product : Wide Panel 300C Exterior
Architect : KCAP Architecten & Planners

Red Apple

Rotterdam, the Netherlands

Sagrera *Barcelona, Spain*
subway station

Project : Sagrera subway station
Location : Barcelona, Spain
Product : Linear 70S and Wide Panel 300C
Architect : Manel Sánchez + Dolors Piulach (Sánchez Piulach studio)

Ferrari Restaurant

Maranello, Italy

Ferrari is more than a car, it's a dream. In 1997, Luca Cordero di Montezemolo, the Chairman of Ferrari, introduced the Formula Uomo initiative at its Maranello Headquarters, with the aim of providing its staff with the best possible working conditions - a safe, harmonious and environmentally-friendly workplace.

The Ferrari restaurant, designed by Marco Visconti, is the latest architectural addition to the Ferrari Headquarters. The Ferrari restaurant is located in the heart of Ferrari Village and exhibits Marco Visconti's futuristic architectural vision. His intriguing concept employs shapes inspired by spaceships and showcases Hunter Douglas ceilings throughout the design.

On the exterior, the irregular plan of ceiling soffits created a challenging installation that was fully met with 80B and 30B lineair ceilings. Two different colours, silver and dark grey created an interplay of contrast and slat dimensions to generate an overall visually stunning experience. The third-floor restaurant, which can seat over 600 people, utilizes Techstyle® Acoustical Ceilings to optimize the space's sound properties.

Project : Ferrari Restaurant
Location : Maranello, Italy
Product : Linear 30B, 80B Exterior
Techstyle® Acoustical Panel
Architect : M. Visconti

Indianapolis Airport

Indianapolis, North America, USA

Project : Indianapolis Airport
Location : Indianapolis, North America, USA
Product : Wide Panel 300C
Architect : AeroDesign Group and HOK

Project : BME Q building
Location : Budapest, Hungary
Product : 84R + 300C interior
Architect : A&D Studio, Mr Antal Lázár

BME Q *Budapest, Hungary*
University of Technology and Economics

Kozja Sloboda

Kazan City, Russia *metro station*

Project : Kozja Sloboda metro station
Location : Kazan City, Russia
Product : Suspended Ceiling type Cell 50,
Suspended Ceiling type 300C,
Façade System QuadroClad® 25-10
Architect : Azat Muratovich Mustafin,
OAO-Institute (Kazgrazhdanproject)

Sun Control

'Solar shading reduces both the investment and the running cost of HVAC installations'

Looking Cool

With over 50 years of experience with exterior Sun Control Systems, from custom sizes and profiles to specialized vertical glass louvres, Hunter Douglas' engineering team will develop innovative and specific Sun Control solutions to meet the aesthetic and performance requirements of any project.

Design

Hunter Douglas provides architects the knowledge and expertise to integrate Sun Control Systems into the building architecture, enhancing the façade while providing highly effective sun protection.

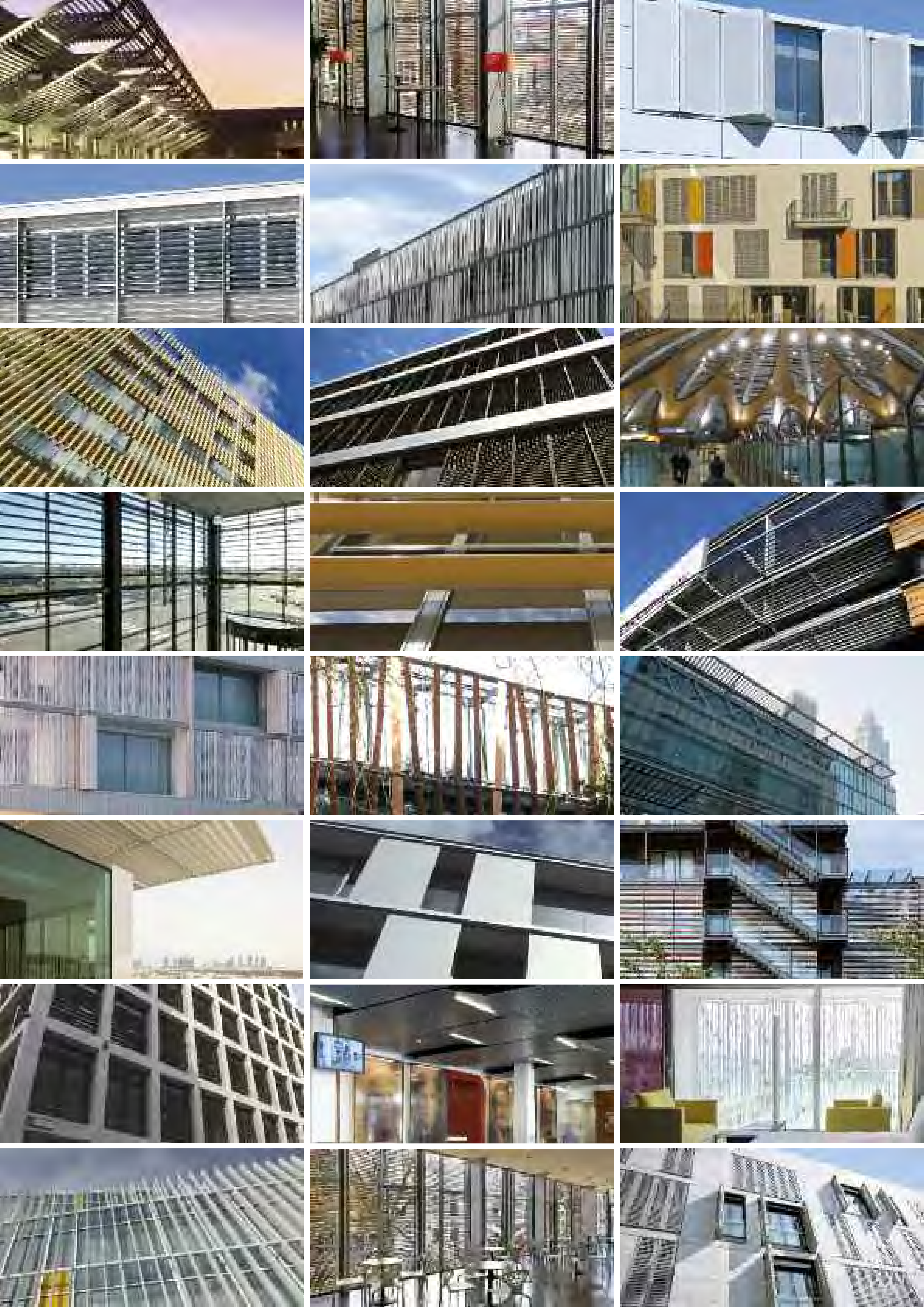
Functionality

Our systems are tested in real life conditions against wear and tear, as well as for performance in wind and snow conditions. Our Sun Control Systems are easy to maintain, ensuring a system that continues to look and perform well over time.

Comfort

Modern buildings are so well insulated that they have very little need for heating. Heat gain caused by the sun creates a need for vast cooling capacities to ensure the comfort of a building's occupants.

Sun Control Systems ensure good working conditions for the occupants of a building while reducing the energy of cooling systems by stopping excess heat on the outside of the building. By using motorised systems controlled by the building management system the amount of heat and light entering the building can even be adjusted to the daily environmental conditions. By combining integrated building solutions Hunter Douglas can optimise the energy efficiency and worker comfort.



Altis Belém Hotel

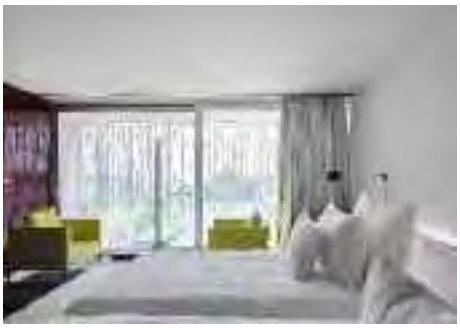
Lisbon, Portugal *Doca do Bom Sucesso*

Portuguese architects Risco have completed a hotel alongside the docks in Belém, Lisbon, with concertina shutters that fold back to reveal deep balconies. Called Altis Belém Hotel, the long three-storey building is situated on the waterfront of the Bom Sucesso Dock and overlooks the Belém Cultural Centre. It is a 5-star hotel with 50 rooms and a number of facilities intended to support water sports.

The main structure, which has two floors, lies perpendicular to the Tagus in such a way as to make best use of the views across the city and the estuary.
It is also designed not to constitute a visual obstacle along the axis between the Belém Tower and the Monument to the Discoveries. In Altis Belém Hotel & Spa, Hunter Douglas applied motor driven folding shutters.

The challenge was the pattern that was chosen by the architect for the glass façade to continue it in the folding shutters. Hunter Douglas realized this by cutting out the pattern from aluminium plates. The aluminium plates are mounted on a frame. To get the shutters completely closed in the façade, each section starts with a shutter of a half width. All panels are driven individually for an uncomplicated functioning.

Project : Altis Belém Hotel
Location : Lisbon, Portugal
Product : Custom Design Folding Shutters
Architect : Risco Architects



Project : M-Team, Erasmus-Zuid
Location : Anderlecht, Belgium
Product : Electrical Sliding Shutters
Architect : BURO II

M-Team *Anderlecht, Belgium*
Erasmus-Zuid

Project : Biodesign Institute at ASU, Phase 2
Location : Arizona, United States
Product : Custom Wood Louvres
Architect : Gould Evans + Lord Aeck & Sargent Architecture

Biodesign Institute

Arizona, United States

Sheremetyevo *Moscow, Russia*
Airport - Terminal 3

Project : Sheremetyevo Airport - Terminal 3
Location : Moscow, Russia
Product : Aerofoil 300AF
Architect : Architectural Bureau of Dmitriy Pshenichnikov

Project : Rhein Center
Location : Cologne, Germany
Product : Custom Louvre System
Architect : Gernot Schulz

Rhein Center

Köln, Germany

Project : Zonegge Apartments
Location : Zevenaar, the Netherlands
Product : Aerofoils 200AF
Architect : Van der Linde & Assocates te Warnsveld

Zonegge *Zevenaar, the Netherlands*
Apartments

Toyota Car Showroom

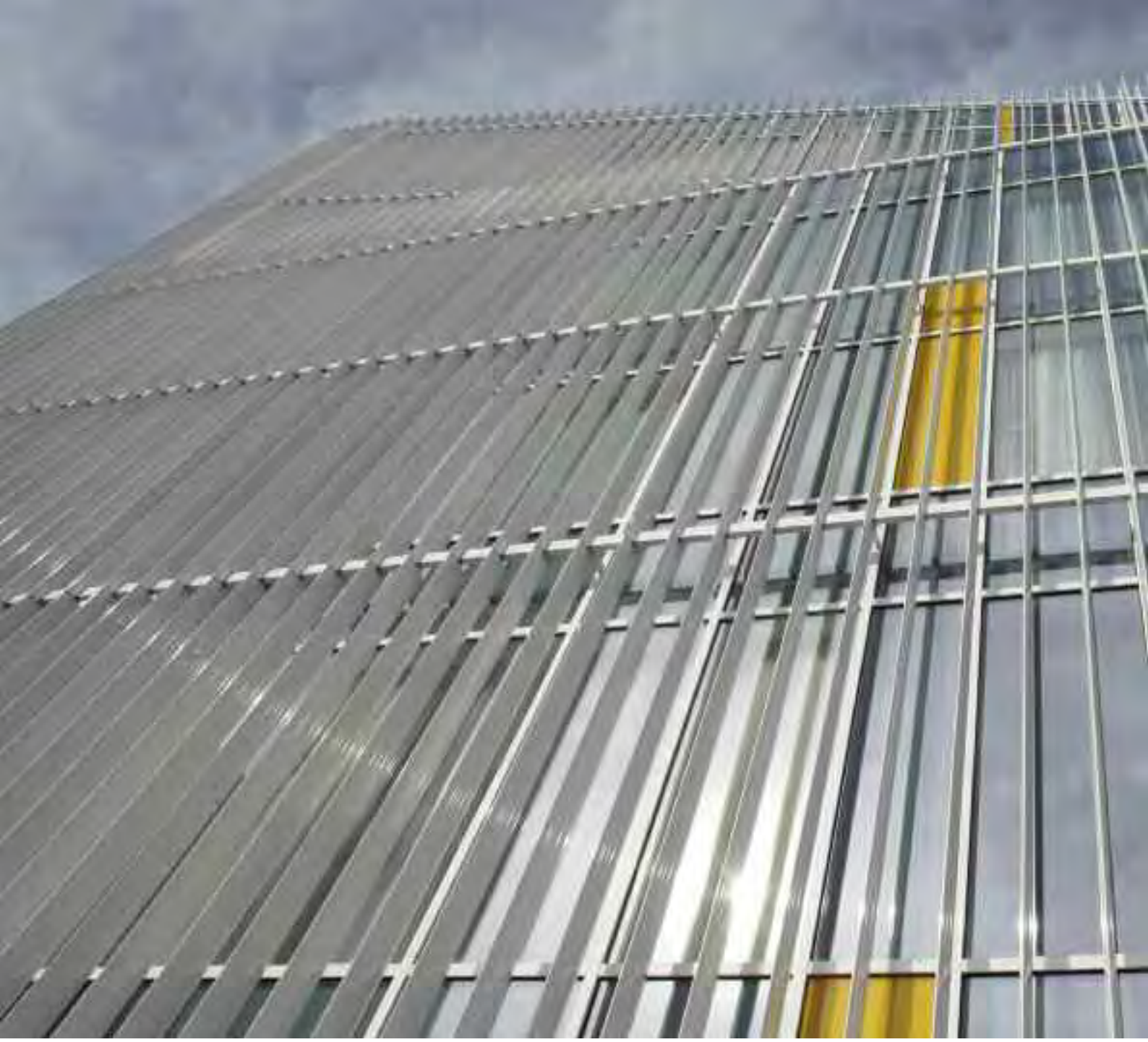
Warsaw, Poland

Project : Toyota Car Showroom
Location : Warsaw, Poland
Product : Sun Louvre 84R
Architect : MCA

Project : Da Vinci
Location : Alphen a/d Rijn, the Netherlands
Product : Custom Louvre System + Sliding Shutters
Architect : VHP Architecten Rotterdam

Da Vinci

Alphen a/d Rijn, the Netherlands



Hotel Centar

Novi Sad, Serbia

Project : Hotel Centar
Location : Novi Sad, Serbia
Product : 200AF Linear Façade
Architect : Professor Branislav Mitrovic

Project : Batenburg
Location : Tilburg, the Netherlands
Product : Electrical Folding Shutters
Architect : Archebouw

Batenburg

Tilburg, the Netherlands

James E. Rogers *Tucson, USA*
College of Law

When University of Arizona law students returned to the Law Commons in August after its 15 month renovation, they barely recognized it. Wat has been a dark, dungeon-like building, has been flooded with natural light and open space.

The architectural firm Gould Evans helped the James E. Rogers College of Law retain a sense of the original architecture, while modernizing it to create a sense of community and reflect the ways students study and interact today.

On their way of achieving their goals, the architects found ways to bring natural light in on all three floors, using a central stairway and light well and by replacing some interior and exterior walls with glass.

To control all the sunlight, the design used Sun Louvres by Hunter Douglas. They raised the ceilings to further enhance day lighting, using natural wood ceilings and metal ceilings.

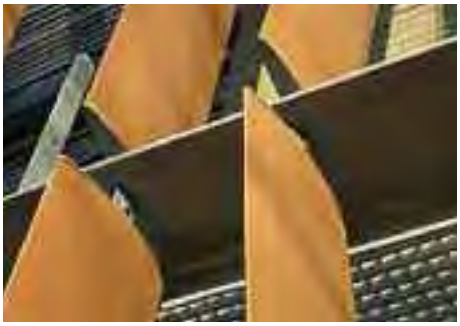
Project : James E. Rogers College of Law
Location : Tucson, USA
Product : Sun Louvres, Linear 80B, Laminated Wood Tiles and Techstyle® Ceilings
Architect : Gould Evans

Palazzo Dorottya

Budapest, Hungary

Project : Palazzo Dorottya
Location : Budapest, Hungary
Product : Folding Shutters
Architect : Közti, Peter Pottyondy

Project : Spaar en Hout
Location : Haarlem, the Netherlands
Product : Aerofoils, Western Red Cedar
Architect : Klous + Brandjes Architects



Spaar en Hout

Haarlem, the Netherlands

DIFC *Dubai, United Arab Emirates*
International Financial Centre

Project : DIFC International Financial Centre
Location : Dubai, United Arab Emirates
Product : Aerofoils 500AF, Sun Louvre 84R and Z90
Architect : RMJM

Project : Staatliche Realschule für Knaben
Location : Neumarkt, Germany
Product : Aerofoils 250AF
Architect : Berschneider + Berschneider

Staatliche Realschule für Knaben

Neumarkt, Germany

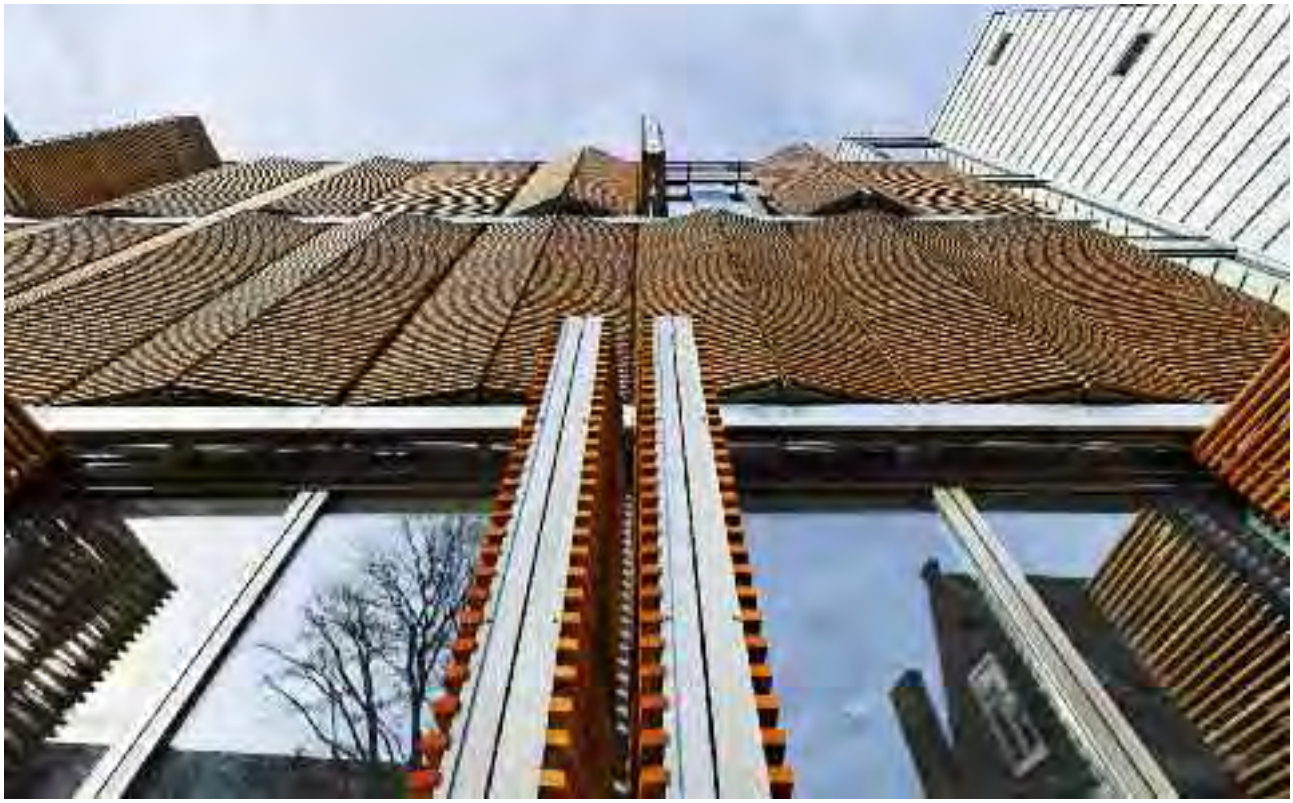
Stadsgehoorzaal

Leiden, the Netherlands

In the old city of Leiden, the extension and renovation of the City Auditorium, designed by Van Mourik Architects, is completed. The historic façade at the Aalmarkt was completely reconstructed. Behind that an entirely new building is located containing a small theatre hall, lobbies and offices.

Hunter Douglas provided large folding shutters clad with louver fins in Siberian larch, covering the entire glass façade adjacent to the garden. The folding shutters protect the spaces inside the new building from overheating by solar radiation and provide a comfortable daylight level. By folding the shutters the façade opens itself and transforms from a massive looking volume to a completely transparent envelope.

The result is an impressive yet warm façade with a dynamic appearance. The shutters are controlled by a weather station combined with individual controls per room.



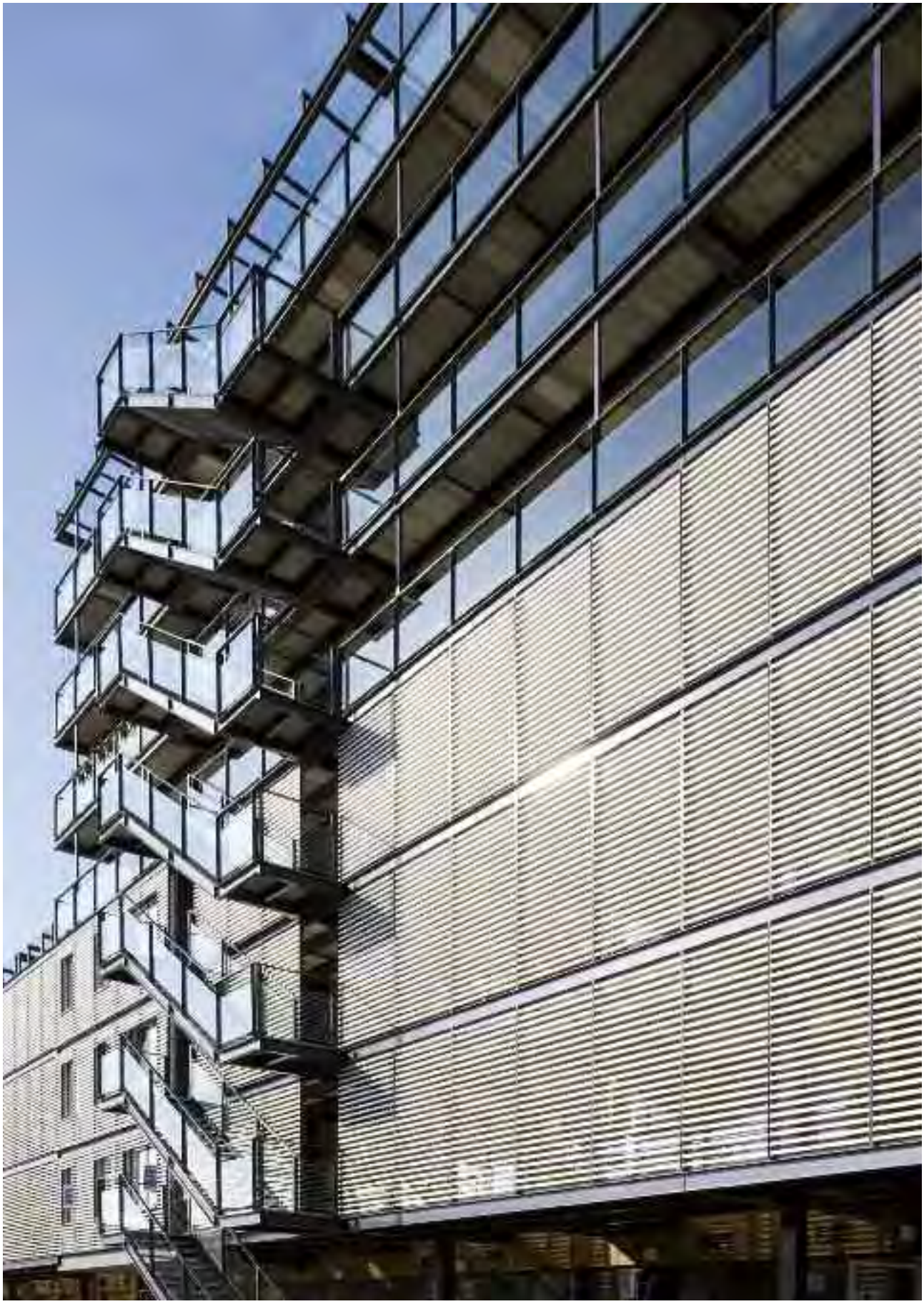
Project : Stadsgehoorzaal
Location : Leiden, the Netherlands
Product : Electrical Folding Shutters
Architect : Architecten Van Mourik

Project : Reitan Distribution A/S
Location : Horsens, Denmark
Product : Aerofoils
Architect : RUM Arkitekter A/S

Reitan *Horsens, Denmark*
Distribution A/S

Project : D'Haenens Apartments
Location : Gent, Belgium
Product : Custom Folding Shutters
Architect : Bontinck® Architecture & Engineering

D'Haenens *Gent, Belgium*
Apartments



Project : IJburg Blok 17
Location : Amsterdam, the Netherlands
Product : Sliding Shutters + Custom Façade Louvres
Architect : Döll Atelier voor bouwkunde

IJburg Blok 17

Amsterdam, the Netherlands

New Street Square

Office building

London, United Kingdom

New Street Square is a new public square that forms the heart of New Street Square development, with pedestrian routes radiating from each of its four corners. Although the tallest element in the scheme is 18 storeys, building heights were dedicated by sun paths ensuring that maximum sunlight penetrates the square.

Detailed shading solutions include louvers with vary in response to sun conditions in specific areas of the site. By designing three options for internal comfort control, Bennet's Associated prepared the building for future tightening energy regulations, creating the first BREEAM 'Excellent' building in the City of London.

The wooden louvers, both in vertical and horizontal applications, have a strong presence in the design and add to the thermal and visual comfort within the buildings. Hunter Douglas supplied the wooden louvers for the New Street Square project.

Project : New Street Square, Office Building
Location : London, United Kingdom
Product : Wooden Aerofoils in Western Red Cedar
Architect : Bennet's Associated

Milton House

Bratislava, Slovakia

Project : Milton House
Location : Bratislava, Slovakia
Product : Sliding Shutters
Architect : SPACIO arch. Martin Németh

Project : Business Center
Location : Abu Dhabi, United Arab Emirates
Product : Aerofoils 400AF
Architect : Woods Bagot

Business Center

Abu Dhabi, UAE

'When every part of a building works together, comfortable, healthy and productive environments are created'

Façades

Looking Smart

Substance or style? All too often, architects and designers have had to choose. With Hunter Douglas Façades, there is no need to settle. Rarely does a product so perfectly blend function and form. Our façades improve a building's comfort level while offering the architect or designer a multitude of design options.

Design

Our façades offer an unparalleled degree of design freedom. The availability of custom shapes, curved and tapered panels, a variety of joint options and an extensive range of colours and materials ensures that our products' appearance are just as impressive as their performance.

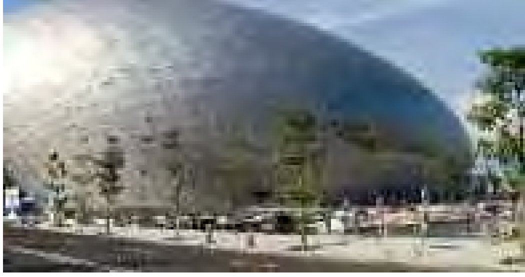
Functionality

We develop our façade products as systems - with integrated windows, doors and substructures. Architects can evaluate all aspects of the façade, from the visible surfaces to the construction and decide what will work best for them. Our systems can be customized to fit their needs often without costly adaptations. Our integrated, customisable façade systems allow freedom of design while reducing the cost of failure. All products are extensively tested for corrosion resistance, insulation, ventilation, fire resistance and wind load performance, ensuring that our façades look great and last long.

Comfort

Our façade systems can significantly help to improve the performance and comfort level of a building. Not only do façades protect the building against noise and the sun, but they also shield walls from rain, wind and snow, keeping a more consistent interior temperature and humidity level.

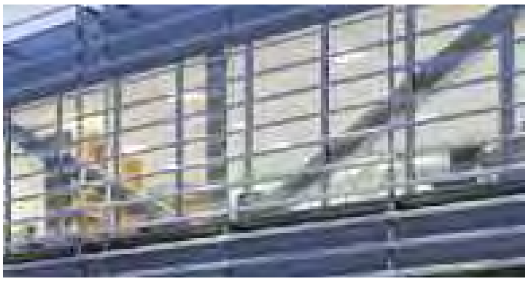






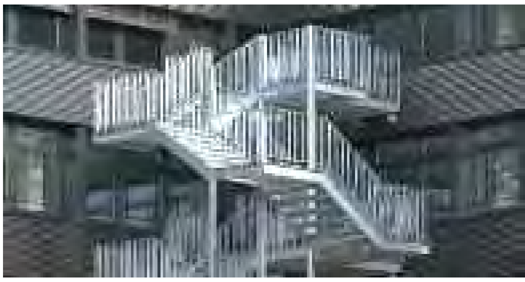




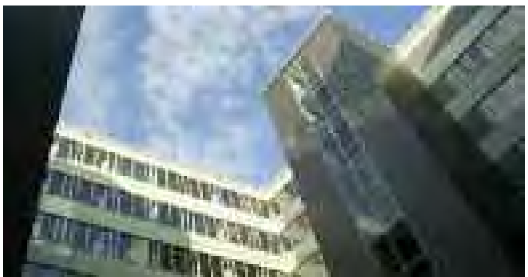












Shanghai International Circuit

Shanghai, China

Project : Shanghai International Circuit
Location : Shanghai, China
Product : QuadroClad® Panels
Architect : Tilke GmbH, SIADR

Project : Maastoren
Location : Rotterdam, the Netherlands
Product : QuadroClad® Panels
Architect : Dam & Partners

Maastoren

Rotterdam, the Netherlands

Caja Rural de Jaén

Jaén, Spain

Project : Caja Rural de Jaén
Location : Jaén, Spain
Product : HunterDouglas® Façades: type QuadroClad® Panels 25-10 Dual tone finish, Aerofoil 350AF, 84R
Quantity : QuadroClad 2682 m², Aerofoils 748 m², 84R 65 m²
Special : Material use: copper
Architect : Juan de Corro García-Lomas

Project : Sunfilm Solar Factory
Location : Großröhrsdorf, Germany
Product : MPF 400, 500, 600
Architect : IPRO Dresden Planungs- und Ingenieuraktiengesellschaft

Sunfilm *Großröhrsdorf, Germany* *Solar Factory*

Central Saint Giles

London, United Kingdom

NBK's Ceramic colourful, glazed ceramic façade elements enables world famous architect Renzo Piano to create exciting new architecture. With Central Saint Giles, located between Oxford Street and Covent Garden, a new urban highlight, sets new façade standards.

Renzo Piano designed 20 bright coloured multi-storey front façades which, set at angles, create a stunning play with colours. Rarely a place for working and living was accompanied with so much architectural vitality. This confirms the formula: attractive built environment, attractive location.

Although the style of the architecture at first sight looks 18th century, the façade is made from glazed ceramic elements, made with beautiful precision and assembled with technically advanced complexity. Each façade plane is constructed as a unitized construction, of which each unit of the façade is pre-assembled with ceramic elements. The façades, in which 140,000 individual elements have been processed, consists of ceramic TERRART® elements made by Hunter Douglas NBK Ceramic.

Project : Central Saint Giles
Location : London, United Kingdom
Product : NBK Ceramic TERRART® Special
Architect : Studio Renzo Piano

Technopole Spain

Ourense, Galicia, Spain

Project : Technopole Spain
Location : Ourense, Galicia, Spain
Product : MPF 500, MPF 550, 84R
Exterior Ceiling, 300 AF-V anodized
Architect : José Javier Suances

Project : Shanghai Auto Museum
Location : Shanghai, China
Product : QuadroClad® System
Architect : IFB Dr. Braschel AG, Architectural Design
& Research Instute of Tongji University

Shanghai *Shanghai, China*
Auto Museum

Project : Management University (WSM)
Location : Warsaw, Poland
Product : 84R
Architect : Czuba Latoszek

Management University (WSM) *Warsaw, Poland*

Project : Capital Square Office Building
Location : Budapest, Hungary
Product : NBK® Ceramic
Architect : Finta Epítesz Studio, Mr Gyorgy Guczogi

Capital Square

Budapest, Hungary *Office Building*

River Park

Bratislava, Slovakia

After the architectural concept of famous Dutch architect Erick van Egeraat Slovak architectural studio Bouda Masár Architekti s.r.o. implemented the idea of creating 'a park on the river' in the center of Bratislava.

Located on the northern bank of the Danube river at the western side of the old city, the River Park Project creates an interesting layout which provides functional diversity of shape, height and mass. Within the project residential zones are combined with busy administrative, commercial and service providing zones to ensure a night and day lively area, to become a vibrant new area in Bratislava.

The River Park complex consists of four overhead blocks fitted to a three storey basement, where the central square is open to the Danube river. The outer blocks, with its miscellaneous grains, form a typical urban structure. Hunter Douglas supplied special solutions to emphasize the typical urban appearance sliding shutters with traditional wood décor and creative alignment along the façade through the application of aluminium panels with multiple joint and colour options.

Project : River Park
Location : Bratislava, Slovakia
Product : MPF 250/350 in 3 colours and Sliding Shutters
Architect : Erick van Egeraat

CCAN

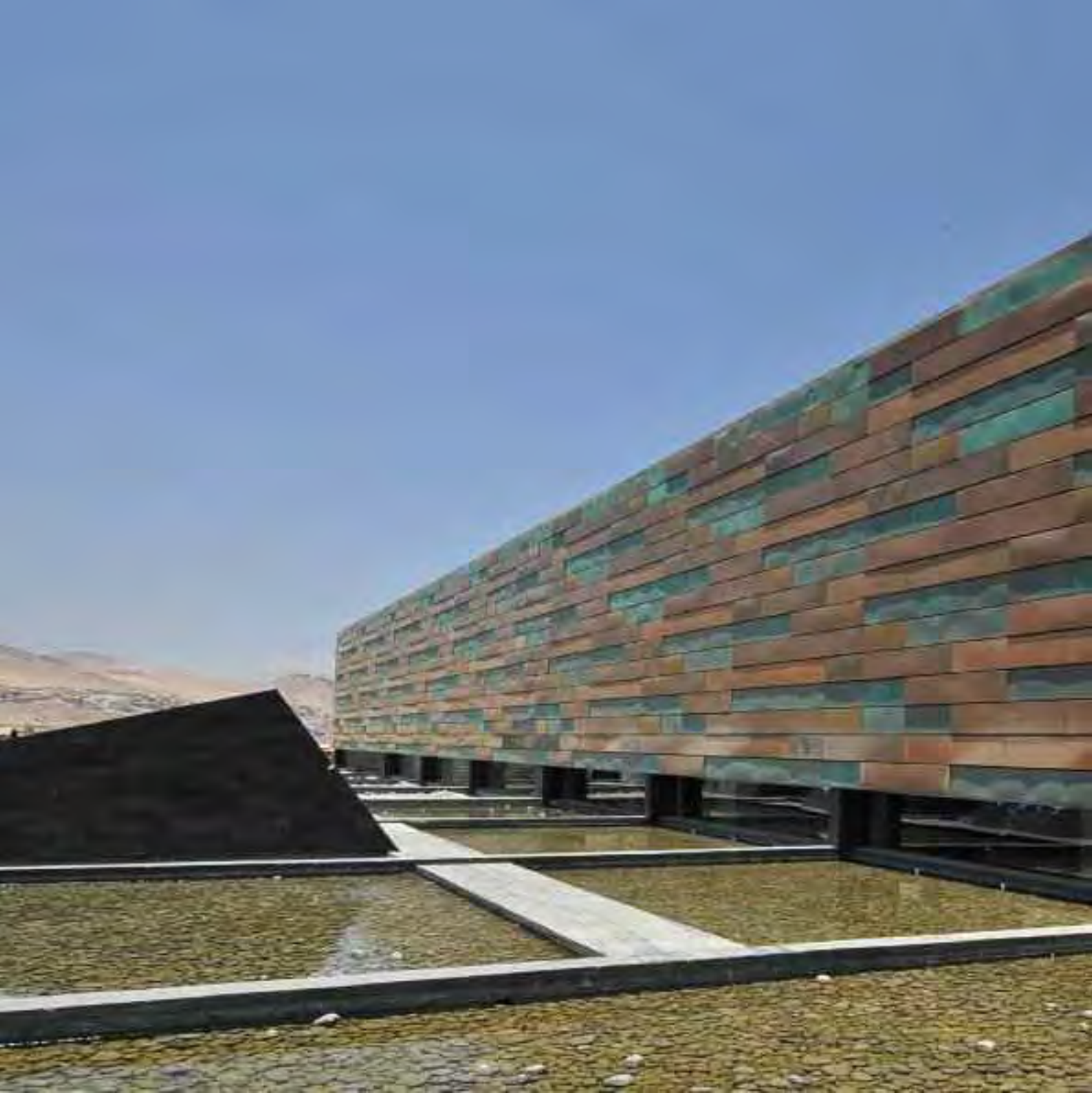
Nothingham, United Kingdom

Project : CCAN
Location : Nothingham, United Kingdom
Product : MPF parabolic feature
Architect : Caroso St. John Architects

Project : TatraCity (Tatrabanka)
Location : Bratislava, Slovakia
Product : MPF 200U
Architect : L'ubomír Závodný

Tatrabanka

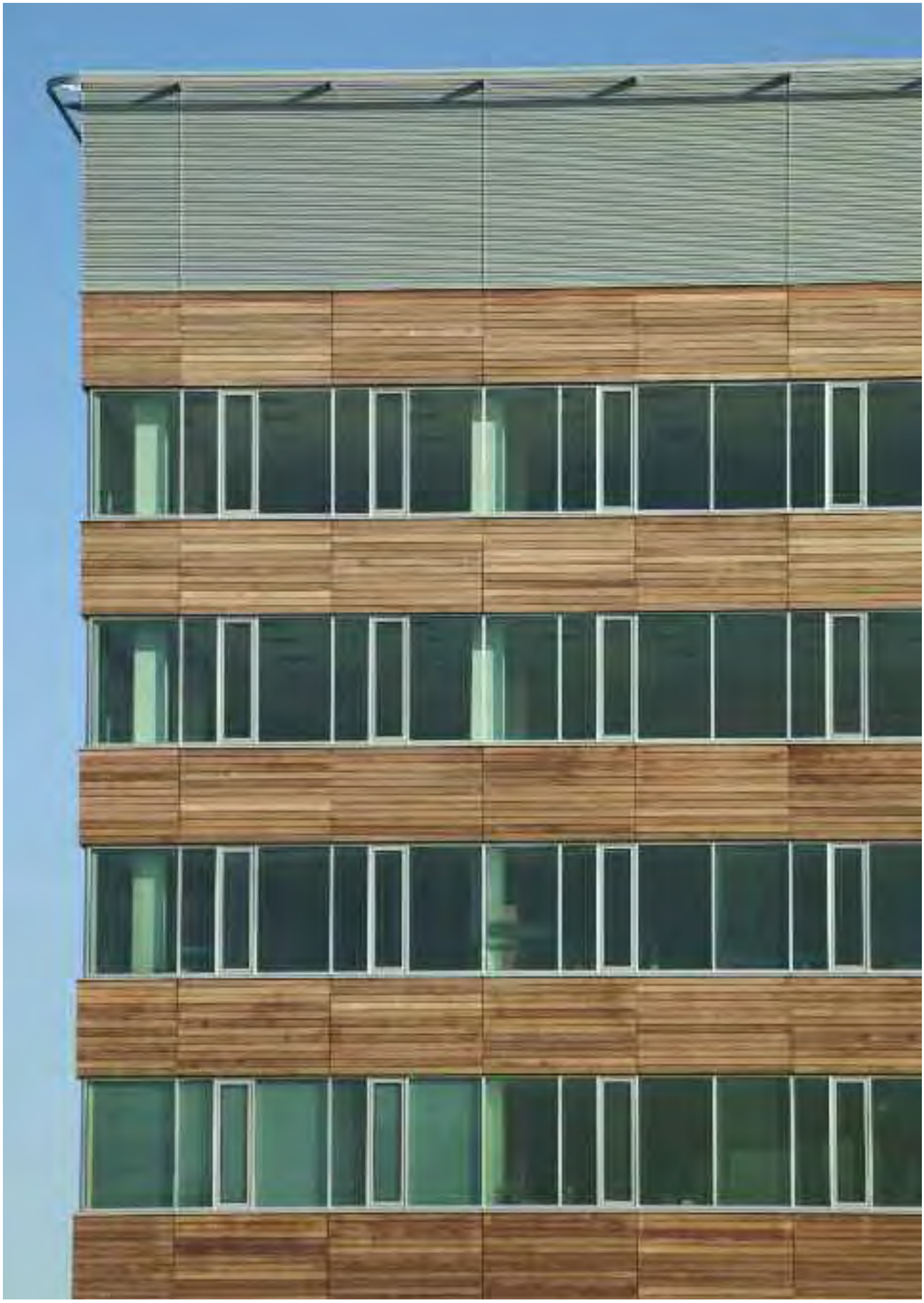
Bratislava, Slovakia



Hotel del Desierto

Antofagasta, Chile *de Enjoy Antofagasta*

Project : Hotel del Desierto de Enjoy Antofagasta
Location : Antofagasta, Chile
Product : Screenpanel in Copper
Architect : Estudio Larrain



Project : Explora Business Center
Location : Prague, Czechia
Product : Lineair Open Wood Façade and 84R Single Skin Façade
Architect : Atelier ABD

Explora *Prague, Czechia*
Business Center

Project : Lilyfield House
Location : NSW, Australia
Product : MPF 200
Architect : Nobbs Radford Architects

Lilyfield House

NSW, Australia

Shenzhen
Poly Grand Theatre

Shenzhen, China

Set near the Houhai Street of Shenzhen Bay, the metallic cocoon in which the Shenzhen Poly Grand Theatre houses, is an architectural landmark building.

The building, designed by Shenzhen Huazhu Engineering Design Co., Ltd., holds more than 1500 seats on three terraces and offers all kinds of entertainment including operas, plays, ballet and concerts. The building's sleek design evokes a piece of high-tech equipment, or perhaps a drop of water.

Viewed from above, its silver contour gleams under the sunlight, reflecting its surroundings in the QuadroClad® cladding panels and custom aluminium panels provided by Hunter Douglas. The entire surfaces of the façade and roof are perforated, and each of the 6,000 honeycomb panels differ in size and shape. The silver colour was created with Hunter Douglas' exclusive Luxacote® finish, which is specifically designed to withstand severe external conditions, and contains a solid UV filter in the topcoat.

Project : Shenzhen Poly Grand Theatre
Location : Shenzhen, China
Product : QuadroClad®, Custom-made Panel
Architect : Shenzhen Huazhu Engineering Design Co., Ltd.

Project : Hard Turmstrasse 131 - 135
Location : Zurich, Switzerland
Product : 84R H3
Architect : Peter Schilling

Hard Turmstrasse

Zurich, Switzerland

Jagiellonian University

Krakow, Poland *Life Science Centre*

Project : Jagiellonian University Life Science Centre
Location : Krakow, Poland
Product : 84R
Architect : AD Art

Project : Capital City (Plot9 SF), International Business Center
Location : Moscow, Russia
Product : QuadroClad® Façade System
Architect : NBBJ

International Business Center

Capital City

Moscow, Russia


refour

Project : Hermes Park
Location : Sofia, Bulgaria
Product : MPF
Architect : Ilian Iliev - AS Iliev Studio

Hermes Park

Sofia, Bulgaria

King Abdullah University of Science and Technology

Jeddah, Saudi Arabia

Located 80 km north of Jeddah, along the Red Sea on the west coast of Saudi Arabia, a new campus site is developed to house the King Abdullah University of Science and Technology.

Designed by HOK, a world-class research university and new town is built to house 10,000 to 12,000 people. Adjacent to the site is King Abdullah Economic City, a future city now being built in stages to accommodate a total population of two million people. The project is a result of a series of economic development initiatives and physical infrastructure improvements to meet the needs for future generations.

The main area of the campus consists of 10 volumes facing the Red Sea, housing the administrative office, student services, library, a mosque, labs research centers and an auditorium.

The façades have a translucent double skin with a steel structure. This skin allows the interior to be filled with natural light. Most of the façades are covered with Hunter Douglas' NBK terracota panels in a dark tone stone. The combination with glass and steel, sun louvers, perforated roofs and translucent sheets, easily note traditional concepts from arabic architecture are applied in a contemporary way to this building: the filtering of the sun, the use of water, the mass, etc, making it a LEED Platinum project.

Project : King Abdullah University of Science and Technology
Location : Jeddah, Saudi Arabia
Product : NBK Terracotta Façade Panels
Architect : HOK, St. Louis, MO

Project : Residential Southwark Bridge Road
Location : London, United Kingdom
Product : MPF 300T
Architect : Glas Architects

Residential Southwark Bridge Road

London, United Kingdom

Joaquin Turina

Barcelona, Spain Apartments

Project : Joaquin Turina Apartments
Location : Barcelona, Spain
Product : 150F
Architect : Enric Perez and Joaquim Ballarin

Project : Welsh Assembly
Location : Aberystwyth, United Kingdom
Product : MPF 300, Copper
Architect : Powell Dobson Architects

Welsh Assembly

Aberystwyth, United Kingdom

100% recyclable

Promoting sustainable forest management
www.pefc.org

Hunter Douglas products and solutions are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable.

Dutch Green Building Council
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Ukraine — Kazakhstan
United Kingdom — the Netherlands
Africa — Norway
Middle East — Poland

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