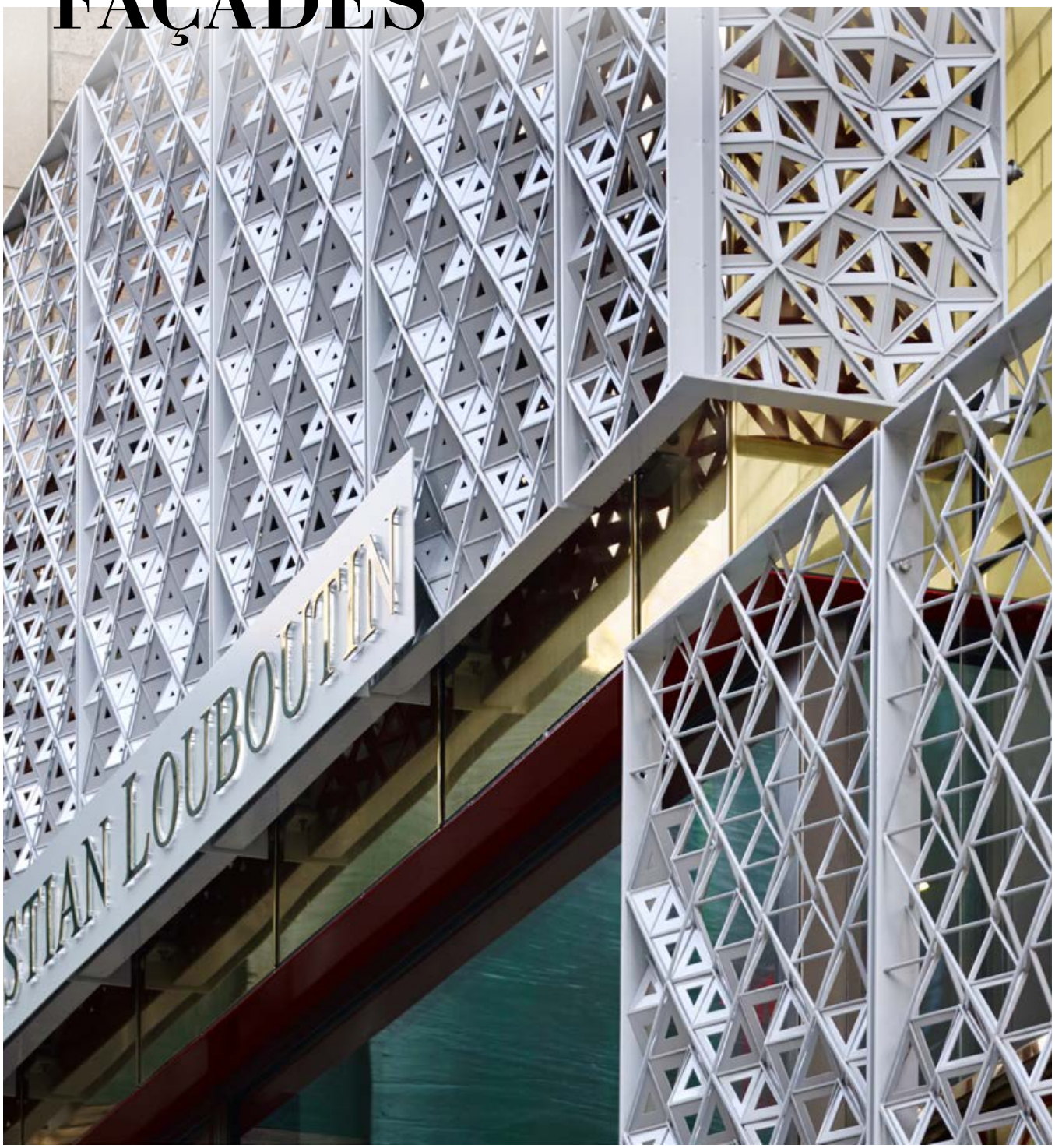
TOGETHER WE MAKE REMARKABLE FAÇADES



metadecor

Cover: Shopfront Christian Louboutin on Madison Avenue in New York; PRODUCT: MD Formatura and MD Shapes; FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: Powder coated in RAL 9001; ARCHITECT: 212box architects, New York

Metadecor HQ in Kampen (NL); PRODUCT: MD Formatura; FIXTURES: MD Mezzo; MATERIAL: Aluminium; FINISHES: Powder coated in Faro White; ARCHITECT: NDVTA Architects, Kampen (NL)

Watch project movie

metadecor

At Metadecor we make bespoke façades, ceilings and screens: custom-made for your project, for your architecture. With our international portfolio, we aim – together with you and other stakeholders – to inspire, innovate and create façades that make this world a more beautiful and energy-efficient place.

Architecture is our main source of inspiration and information.
With a skilled team of engineers, many themes are introduced during the process of co-creation and engineering. Double façades, sun shading and daylight penetration, natural ventilation and wind shading, energy efficiency and the circular building economy: these topics are regularly mentioned during our projects.

Using up-to-date software, we work with digital models and tools like parametric design to answer to your design questions. Designing, engineering and creating haute couture façades is complex and exhilarating at the same time. We like to simplify structures, systems and processes, working towards a result that will have a lasting quality.

With this magazine, we give you a brief insight into recent projects and our main product categories. We hope it is an invitation for you to design our next generation of projects: using your ideas and our joint knowledge and experience.

Together we make remarkable façades!

Scan QR

For source reference of photography and images: see our website.

CONTENTS

MD FORMATURA

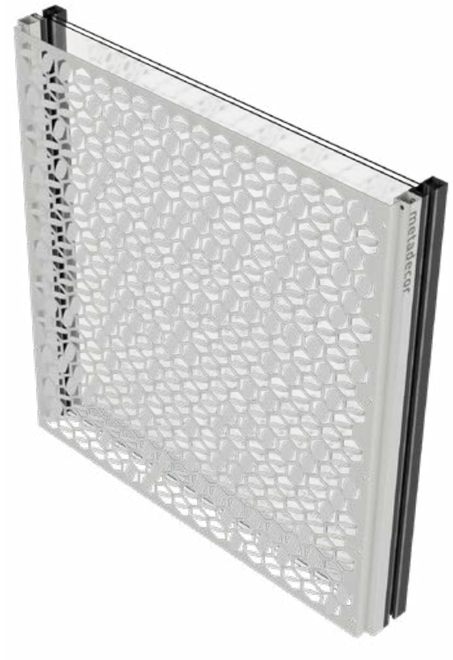
Project

Residential Complex Plantsoen in Leiden (NL)

Watch project movie

ARCHITECT:	VVKH Architects
PRODUCT:	MD Formatura
FIXTURES:	MD Mezzo
FINISHES:	Anodized in bronze C-33
MATERIAL:	Aluminium

Residential Complex ‘Between the Sheets’ in Amsterdam (NL); PRODUCT: MD Formatura; FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: powder coated; ARCHITECT: Abbink X Co, Amsterdam; ARTIST PATTERN: Chris Kabel



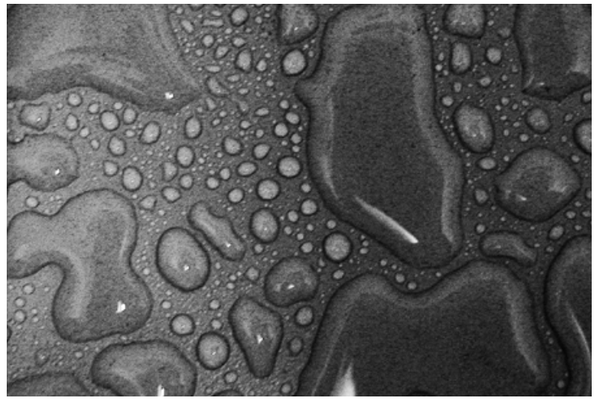
MD Formatura

MD Formatura offers a wide range of three-dimensional patterns in metal sheeting, with a combination of perforation/punching followed by folding/bending of elements. With whichever figure you prefer – a circle, square, hexagon, flower petal, butterfly or logo – the pattern in MD Formatura allows you to increase (or decrease) sunlight and wind shading by giving the figures a slight angle in the preferred direction.

MD Formatura is used as an aesthetic and functional screen for new and refurbished buildings. In some projects, the MD Formatura spans the whole of the building, in other projects a series of single screens will contribute to the functional and aesthetic qualities of the façade. With MD Formatura the privacy of the users of the building is guaranteed, giving them an almost unhindered outlook through the windows while protecting from direct sun and wind.

More product information

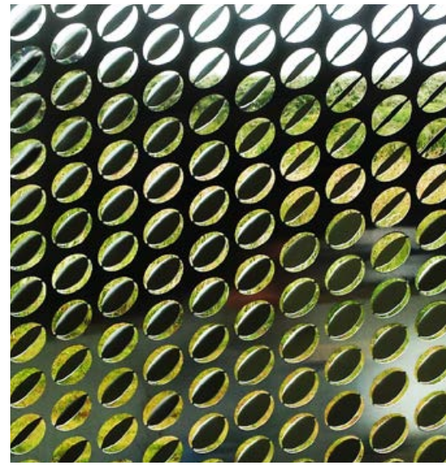
Water Authority Control Center in Heerhugowaard (NL); PRODUCT: MD Formatura; FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: Powder coated; ARCHITECT: Finishing Dutch, Alkmaar



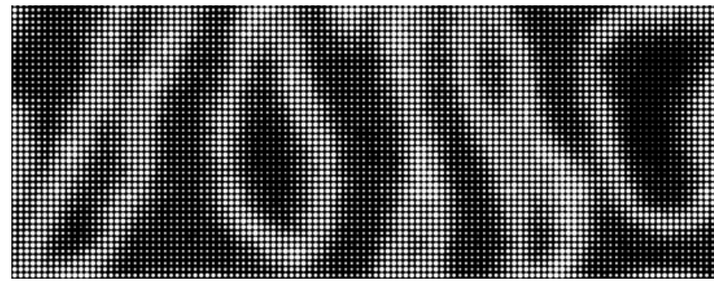
INSPIRATION

A façade with MD Formatura tells a different story on every scale

Watch MD Formatura reel



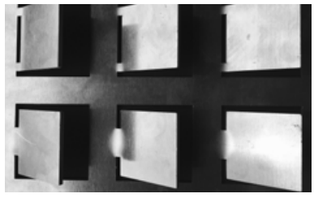
PIXEL



PATTERN

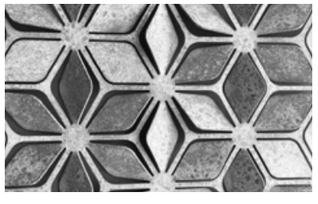
FAÇADE

MD FO110

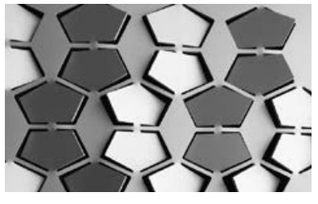


MD FO111

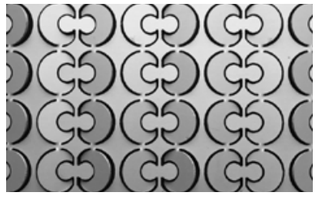
MD FO112



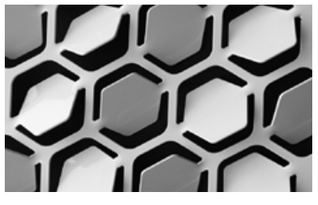
MD FO210



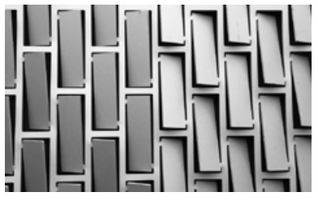
MD FO211



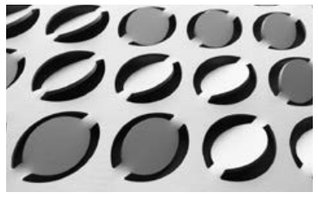
MD FO212



MD FO215



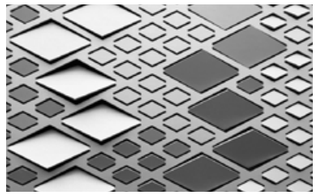
MD FO216



MD FO217

MD FO222

MD FO223



MD FO310

Patterns

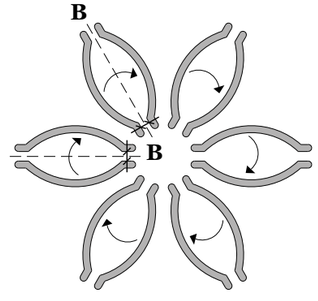
MD Formatura boosts three pattern types in different levels of complexity. The first pattern type is a repetitive pattern of the same figures, with the twisted parts all bent in the same direction. With the second type the figures are repetitive, but the direction of the twisted elements in the pattern varies. The third and most complex type is a varied pattern with figures in different sizes, bent in different directions and angles.

The examples shown on this page are illustrative:
it is possible to create your own design – using a bespoke geometry.

View all paterns

Figures

MD Formatura consists of metal sheeting with a punched pattern of figures of which (some or all) elements are bent in a certain direction, creating a three-dimensional effect and an extra layer to the pattern. It is possible to create a flowing pattern per panel, per series of panels (one stretch of the façade) or even the whole building envelope. We invite designers to work with different figures (forms, sizes, patterns) and directions of rotation of the elements within the pattern.

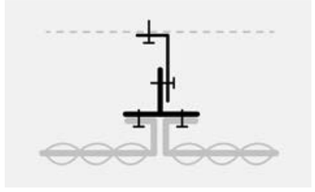


You can follow the guidelines for design in our MD Formatura brochure. In the abstract ‘flower’ figure shown on this page, we recommend using 5 to 6 mm for the width of the axis (B) to be able to bend the petals in the preferred direction.

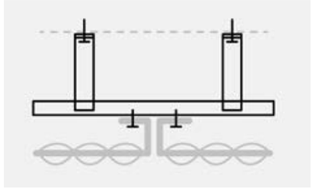
Download our online Design Guidelines for MD Formatura

Fixtures

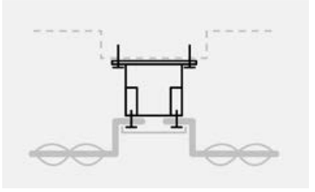
To emphasize the pattern(s) in a MD Formatura façade, the most commonly used fixtures are semi-hidden, as shown in the examples of MD Mezzo. Other options are the hidden fixtures in the MD Resto system or the visible fixtures in MD Verti. For moveable panels, there is another range of fixture systems. Please inquire with our sales engineers.



MD MEZZO - FOM111
Semi-hidden fixture



MD MEZZO - FOM112
Semi-hidden fixture



MD MEZZO - FOM113
Semi-hidden fixture

Our **sunshading façades** contribute significantly to the energy efficiency of new and existing buildings. By keeping the direct sunlight from the insulated (glass) façade, using sun shading screens reduces the heat load by up to 60%, depending on the transparency of the panels. Meanwhile, the interior still benefits from (in-)direct daylight. The users of the building are able to look through the screens, maintaining the connection with the outside world.

Double façades with sunshading screens increase the comfort for the users of the building. They make healthier buildings. The space between the insulated (glass) façade and the sun shading screen can be used for maintenance or extra – semi-climatized - living space for the inhabitants and users of the building. They provide protection against the direct sunlight and the wind.

Penthouse Prins Hendrikkade in Amsterdam (NL); PRODUCT: MD Formatura; FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: Bronze powder-coating; ARCHITECT: Rijnboutt Architecten, Amsterdam.

An enchanting effect of light and shadow, with sufficient daylight and preservation of the view outside

MD DESIGNPERFORATION

Project

Theatre Zuidplein in Rotterdam (NL)

Watch project movie

ARCHITECT:	De Zwarte Hond, Rotterdam
PRODUCT:	MD Designperforation
FIXTURES:	MD Verti
FINISHES:	Anodized in medium light bronze C-32
MATERIAL:	Aluminium

MD Designperforation

With MD Designperforation the possibilities are endless. Panels with MD Designperforation are not only decorative, but they also contribute to the functionality of building elements. Sun shading screens with MD Designperforation add character to a façade while having a positive impact on energy efficiency and the indoor climate. Ceilings with MD Designperforation cassettes add luxury and continuity to a space while enhancing its acoustic performance. Together with the design team, the engineers of Metadecor like to explore the range of aesthetic and functional capacities of MD Designperforation, creating bespoke solutions with a long-lasting impact.

More product information

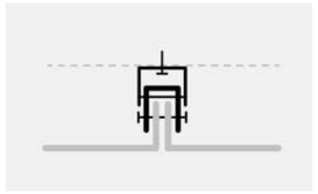
Theatre Amare in Den Haag (NL); PRODUCT: MD Designperforation; FIXTURES: MD Verti; MATERIAL: Aluminium; FINISHES: Powder coated in gold; ARCHITECT: Jo Coenen Architects & Urbanists, NOAHH and NL Architects

Dutch Foto Museum in Rotterdam (NL); PRODUCT: MD Designperforation; FIXTURES: MD Verti; MATERIAL: Aluminium; FINISHES: Anodized in light gold shade; ARCHITECT: Renner Hainke Wirth Zirn Architekten, Hamburg (DE) and WDJA Architects, Rotterdam (NL)

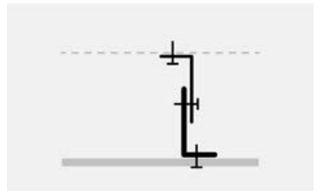
View project

Fastening systems

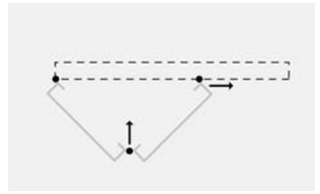
We offer a range of fastening systems for MD Designperforation, ranging from hidden connections (MD Resto) to visible attachments (MD Verti). For a solution with moveable panels (in different directions), MD Apertura is used. In general, Metadecor fastening solutions are dry joint systems.



MD RESTO - DER111
Hidden connection



MD VERTI - DEV111
Visible connection

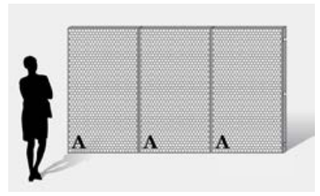


MD APERTURA - DEA112
Moveable panels

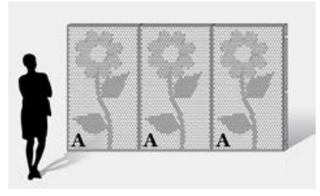
Patterns

Does your façade require a high level of repetition, or do you want a pattern to flow around the building? With MD Designperforation anything is possible, without blowing the budget. We distinguish three pattern categories to address different approaches.

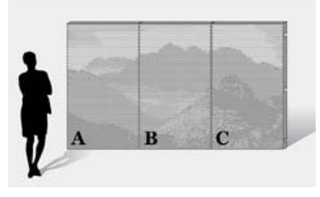
MD DE110 is the first category and the simplest solution: there is only one perforation shape and size, and each panel shows a regular pattern. With MD DE120 different hole sizes and shapes are used, creating a pattern that is the same for all panels. The most elaborate pattern can be made within the category MD DE130, using different shapes and sizes for the holes, and using a flowing image that comprises more than one panel. For repetitive patterns (like MD DE110 and DE120) the technique of punching is the most commonly used method. For the more complex designs, laser cutting is also an option.



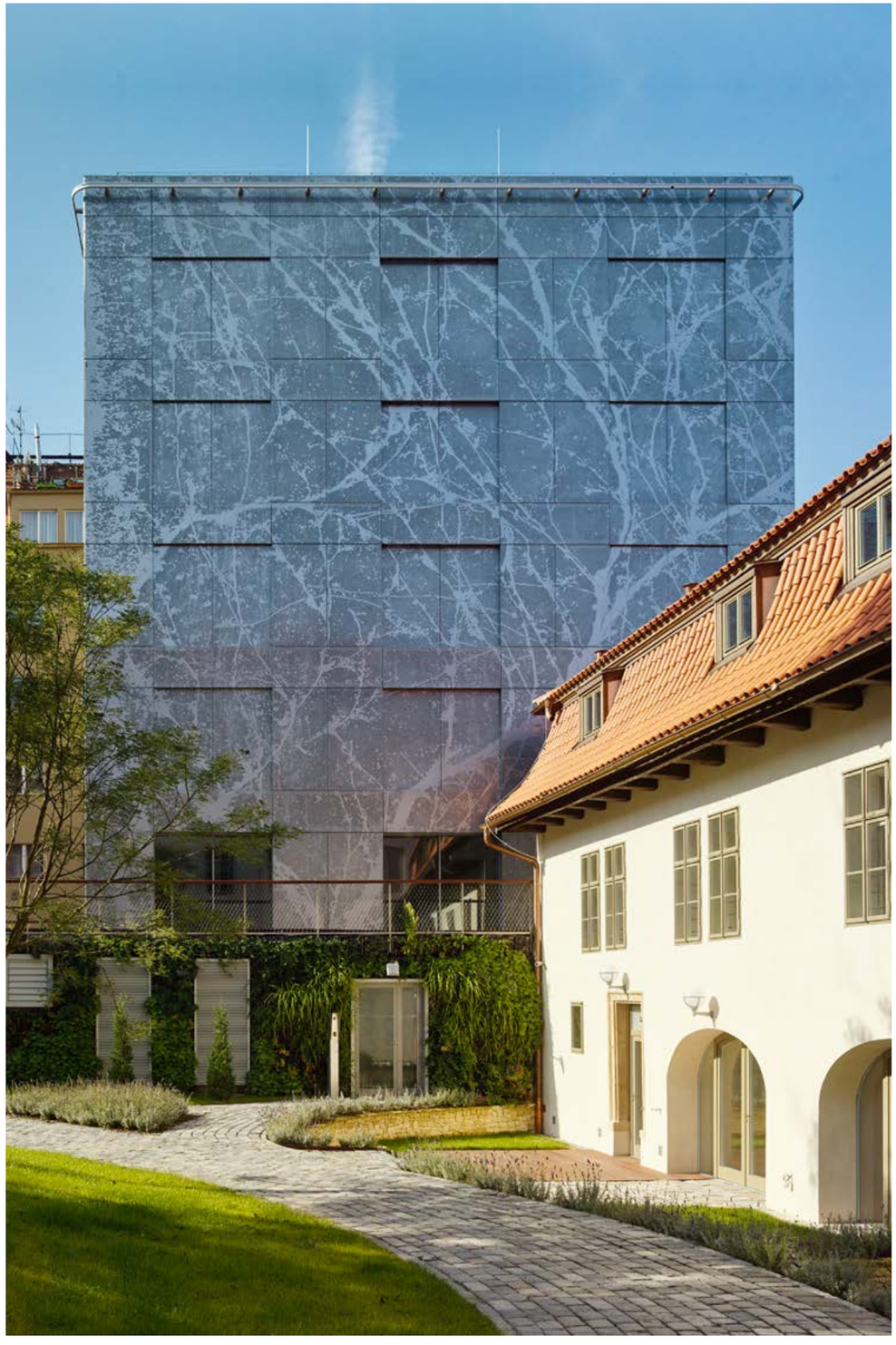
MD DE110



MD DE210



MD DE310



Old Town Court in Prague (CZ); PRODUCT: MD Designperforation; FIXTURES: MD Verti, MD Apertura; MATERIAL: Aluminium; FINISHES: powder-coated natural; ARCHITECT: Ricardo Bofill Taller de Arquitectura, Barcelona (ES)

MD SHAPES

Project ___

Parking Garage Buiksloterham in Amsterdam (NL)

Watch project movie

ARCHITECT:	XVW Architectuur, Amsterdam
PRODUCT:	MD Shapes with MD Designperforation
FIXTURES:	MD Resto
FINISHES:	Powder-coating PE08 in champaign colour, matt
MATERIAL:	Galvanized steel

Shopfront Christian Louboutin on Madison Ave in New York; PRODUCT: MD Formatura and MD Shapes;
FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: powder coated in RAL 9001; ARCHITECT: 212box architects, New York

MD Shapes

MD Shapes is the name for the product category with panels that are three-dimensionally shaped, sometimes in combination with MD Designperforation and/or MD Formatura. It is also possible to form MD Shapes with MD Expanded Metal. MD Shapes offers architects endless possibilities to create extra depth or visual effects to a façade.

For MD Shapes there is no standard scenario. Our engineers will take the design team through the necessary steps towards a solution that meets the ideas of the architects and is budget-friendly in production and installation. With MD Shapes the devil is in the detail. Or rather: the best solution is often a joint effort in extracting the true values of the design and translating them to a three-dimensional digital model first and production drawings later.

More product information

Every project is unique. Architecture is like that. We believe that every building deserves a bespoke façade that smiles at its surroundings. For the people approaching and using these buildings, the façade should be a feast for the eye, a character that grows on you because you discover new details or light effects every time you see it or see through it. Playing with the elements – the sun, the wind, the rain – **façades** should offer **protection** and **comfort**: not by shutting the elements out, but by letting them through in calculated doses.

At Metadecor we do not work with a catalogue or a standard range of designs for screens and façades. In collaboration with design teams and real estate owners, our teams work on the **best solution** for each project. New buildings or existing buildings, in our ‘own’ sea climate in The Netherlands or the scourging heat of the desert: every project, every façade has its own starting points and criteria. Each project has its own challenges, and we welcome each and every one of them.

Parking Garage Hart van de Waalsprong in Nijmegen (NL); PRODUCT: MD Shapes with MD Designperforation; FIXTURES: MD Verti; MATERIAL: Aluminium; FINISHES: Powder coated in metalic gold; ARCHITECT: korth tielens architecten, Amsterdam

Imagine shapes, patterns, colours, transparency in three dimensions: together we will engineer your idea towards production

MD LAMEL

Project ___

Office Refurbishment CEVA Logistics in Willebroek (BE)

Watch project movie

ARCHITECT:	Bastion Architecten, Belsele (BE)
PRODUCT:	MD Lamel
FIXTURES:	MD Resto
FINISHES:	Powder coated in RAL9001
MATERIAL:	Aluminium

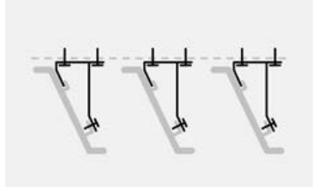
MD Lamel

MD Lamel is the collective name for the range of projects with louvres and/or rectangular elements. Usually, a façade with MD Lamel has a vertical or horizontal orientation, but more and more projects show flowing patterns or geometric compositions. The elements of MD Lamel are made of aluminium or wood. The aluminium louvres are extruded or folded: we do not work with standard shapes and sizes. Every project is bespoke. MD Lamel is used for (existing) buildings that need external sun shading and in situations that require a certain amount of natural ventilation and/or have strict fire regulations (like parking garages and galleries).

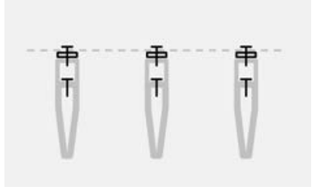
TVH Equipment in Waregem (BE); PRODUCT: MD Lamel, MD Flack; FIXTURES: project special; MATERIAL: Aluminium; FINISHES: Powder-coating RAL 7037; ARCHITECT: Demo Architecten, Izegem (BE)

Fastening systems

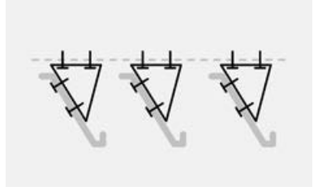
Depending on the shape of the MD Lamel, the sub-structure and the desired look for the facade, it is possible to use hidden (blind) fastening with the MD Resto system or visible connections with MD Verti. The fastening systems shown on this page are just examples: every project has its own solution. All fastening solutions are dry joint systems.



MD RESTO - LAR111
Hidden fastening

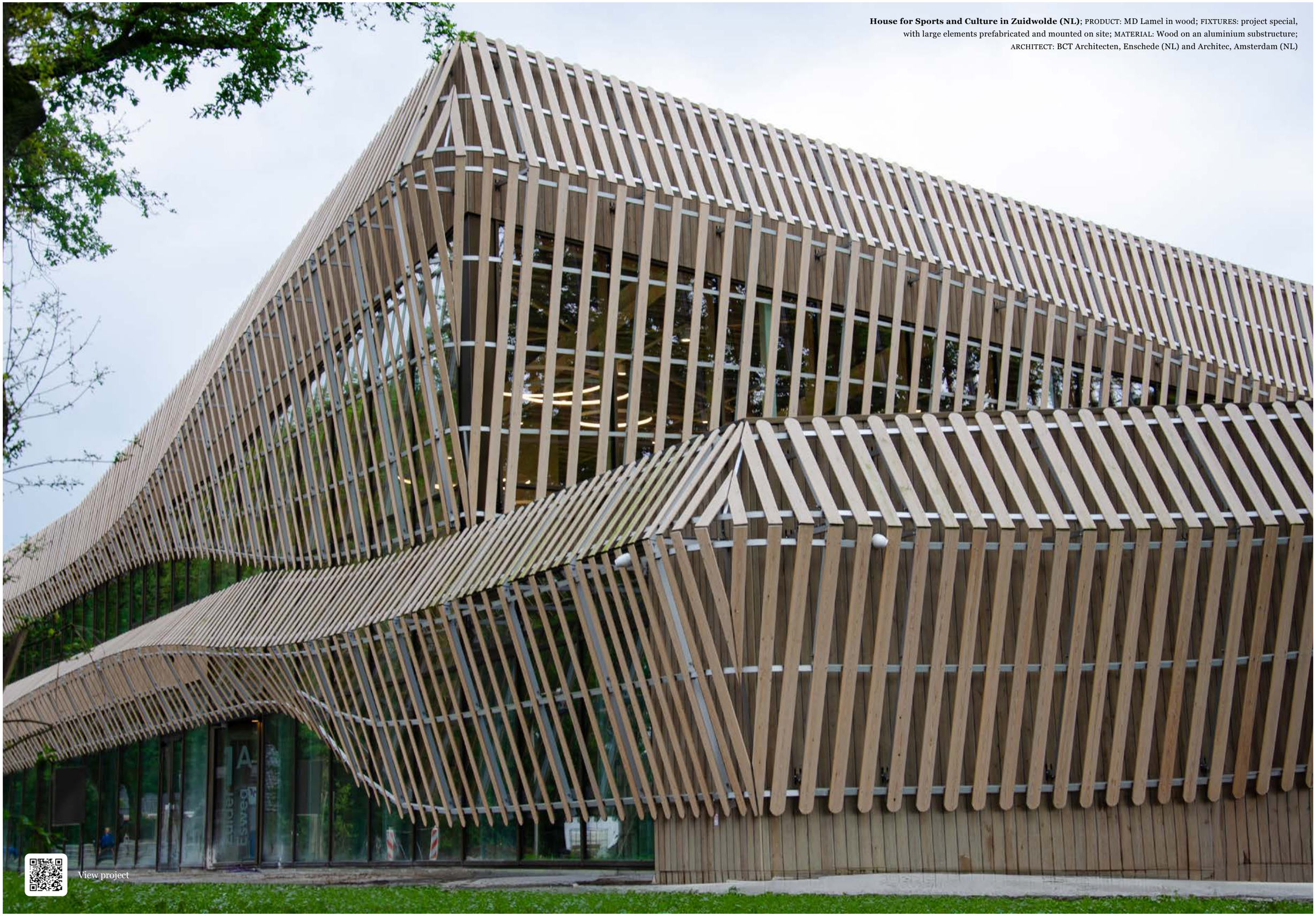


MD RESTO - LAR112
Hidden fastening



MD VERTI - LAV111
Visible fastening

More product information



House for Sports and Culture in Zuidwolde (NL); PRODUCT: MD Lamel in wood; FIXTURES: project special, with large elements prefabricated and mounted on site; MATERIAL: Wood on an aluminium substructure; ARCHITECT: BCT Architecten, Enschede (NL) and Architec, Amsterdam (NL)

View project

MD FASOLAR

Project ___

Solar Facade Verstegen in Rotterdam (NL)

View project

ZIGZAGSOLAR
metadecor

ARCHITECT:	GROUP A, Rotterdam
ARTIST:	Marcus Debie, Urban Art Studio. In collaboration with ZigZagSolar
PRODUCT:	MD Fasolar and MD Flack
FIXTURES:	MD Resto
FINISHES:	Honeycomb panel with digital print
MATERIAL:	Aluminium

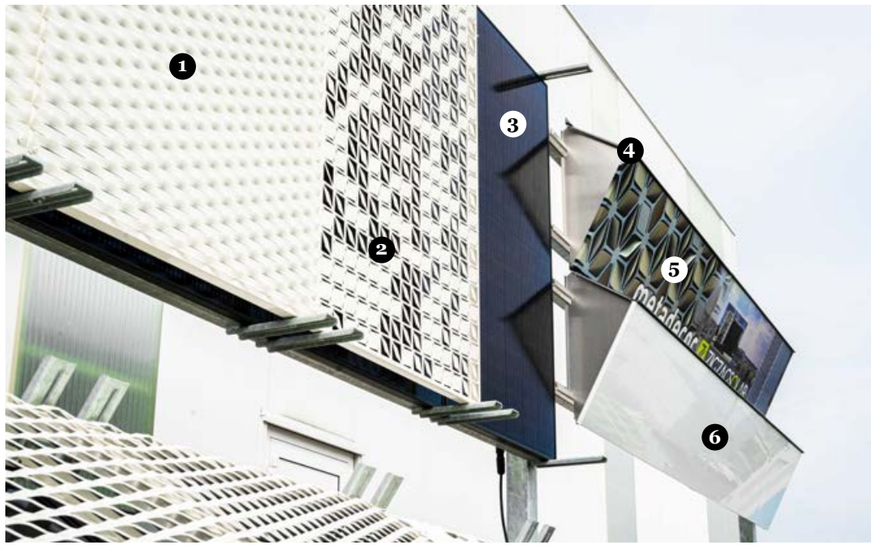
MD Fasolar

Our range MD Fasolar solutions is the answer to the growing market of Building Integrated Photovoltaics (BIPV). With new systems and new collaborations, we aim to build façades that not only are aesthetic and functional (as in shading and protecting), but that also generate energy. It is possible to combine photovoltaics with shading elements like MD Designperforation, MD Formatura and MD Expanded Metal. The orientation of the façade determines the possibilities for energy generation and/or the necessity for shading. Our engineers support the design teams of a project to get the right balance between the functionalities of each façade. The technical requirements notwithstanding, each façade should be elegant and coherent: architecture as a sustainability criterium is not to be underestimated!

In a collaboration with ZigZagSolar we developed the MD FA310 system: a concept that combines aesthetics with BIPV by directing the PV-panels towards the sun and creating a blank canvas for the ‘lower side’ of the triangular elements – the side that is visible from the street.

Research and development

Because BIPV is a relatively new field of expertise, we have set up our own experiments and research, literally in the backyard of our headquarters in Kampen (NL). We collect data to make the calculations for new projects, using setups that are a reflection of the questions we need to answer when photovoltaics is part of the clients’ or architects’ brief.



EXPLANATION

1. Photovoltaics in combination with MD Expanded Metal
2. Photovoltaics in combination with MD Formatura
3. Plain photovoltaics with hidden fixture MD Resto
4. MD FA310 (in collaboration with ZigZagSolar)
5. MD FA310 with MD Flack and digital print
6. MD FA310 with MD Flack, powder coated in RAL9010

More product information

We love the sun and all that it gives.
Our ambition is to create façades for new and existing buildings that benefit from the sun, in a functional and aesthetic way. The way rays of light are creating the most beautiful patterns when filtered through delicate patterns of MD Designperforation or MD Formatura, can be mesmerizing. Even more so, when you live or work in a building that provides you with that poetry on a daily basis – while the heat of the sun is kept outside for the most part. Creating **comfort** and **beauty**: These are powerful features for a façade.

Yes, the sun gives us energy. And not only because it shows us appealing architecture. With MD Fasolar, our façades are able to literally give energy. Building integrated photovoltaics (BIPV) can contribute to a healthier energy balance for your building. BIPV does not have to restrict architecture. A façade that is beautiful and comfortable and that supplies energy is even better.

Watch movie

Airshade Prototype in Masdar City

Airshade

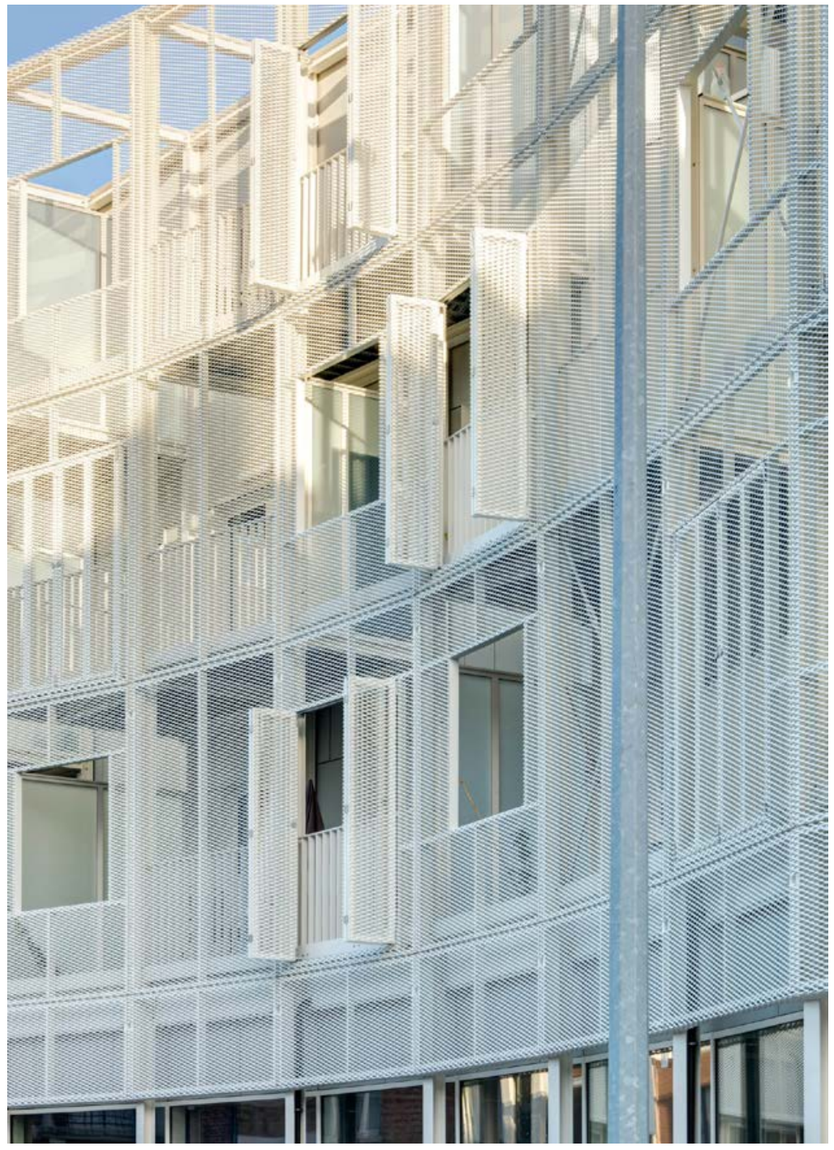
In a collaboration with start-up Airshade Technologies, Metadecor has been part of research and development teams for air-operated dynamic shading solutions. For engineering company Arup and Masdar City in Abu Dhabi, Metadecor has co-engineered and built a prototype and tested it on location in the desert of Abu Dhabi. This electricity-free solution for dynamic sun shading is based on the principle of expansion of air: the sun heats an air tank and the increasing air-pressure is translated to a force that closes the shading system. After sunset – with decreasing temperatures (and pressure in mentioned air tank), the system opens again. For the European market, Airshade Technologies and Metadecor are working on new prototypes with lamellas and louvres. With over a half year of movements and data, the prototype in the Masdar City desert has proven the concept to work in the Middle East climate. The Airshade system is a promising next step in creating livable cities and self-shading, energy efficient buildings with a (very!) low level of operational carbon.

More about Airshade Technologies

Raqtan Headquarters in Dammam (KSA); PRODUCT: MD Expanded Metal, MD Formatura (patio);
FIXTURES: MD Resto; MATERIAL: Aluminium; FINISHES: Powder-coating in chrome;
ARCHITECT: Rempt van der Donk, Rotterdam (NL)

Double skin

The double skin for Raqtan Headquarters in Dammam (Saudi Arabia) is an aesthetical and multifunctional layer constructed with a galvanized steel substructure and panels with MD Expanded Metal in powder-coated aluminium. The metal façade has a significant contribution to the energy efficiency of the building, with a reduction of up to forty percent in AC capacity during the hottest months of the year (in comparison to similar office buildings in the same area). The skin with MD Expanded Metal is placed in front of the glass façade with a gallery of about 70 centimeters, giving enough space for regular maintenance (of both facades) and creating a microclimate that insulates and reduces the wind load on the glass façade. It even allows the users of the building to open the façade during the winter months for natural ventilation – which is practically unheard of in these climate conditions. Although the skin with MD Expanded Metal is permanently closed, the pattern has been chosen to allow the users of the building to have enough daylight and an almost unhindered view of the area surrounding the building.



Residential project Gutenberg in Kortrijk (BE); PRODUCT: MD Shapes with
MD Expanded Metal – MD Grafica; FIXTURES: MD Resto and MD Apertura; MATERIAL: Aluminium;
FINISHES: Powder coated; ARCHITECT: Abscis Architecten, Gent

In retrofit projects, a double façade solves multiple issues while enhancing the architecture

MD EXPANDED METAL

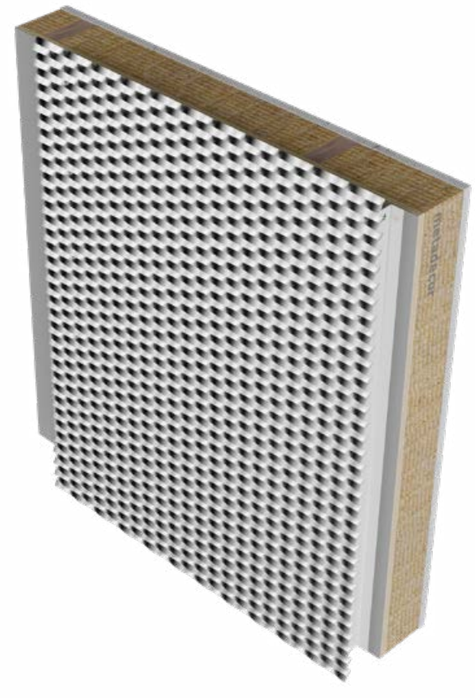
Project

Office Building Retrofit Fellenoord in Eindhoven (NL)

Watch project movie

ARCHITECT:	UNStudio, Amsterdam
PRODUCT:	MD Expanded Metal - MD Coliseum
FIXTURES:	MD Clips bespoke
FINISHES:	Powder-coated in RAL9005 and RAL9007
MATERIAL:	Aluminium

Factory 1963 in Busan, South-Korea; PRODUCT: MD Expanded Metal - MD Academy;
FIXTURES: MD Verti; MATERIAL: Aluminium; FINISHES: Powder-coated NCS S 1020B superdurable class 2;
ARCHITECT: BCHO Architects Associates, Seoul



MD Expanded Metal

MD Expanded Metal is made by making incisions in a metal plate or coil and stretching the material into a pattern with diamond-shaped openings. This is a very efficient and economical way of making sheets and panels with a degree of transparency, incorporating sun shading capacities while maintaining a high level of natural ventilation. Façades, screens and canopies with MD Expanded Metal are decorative, functional and applicable within almost every budget. Our engineers offer advice in every step of the design process, from choosing the material, the pattern, the orientation and dimensions of the panels to the best possible solution for the finish and fixtures.

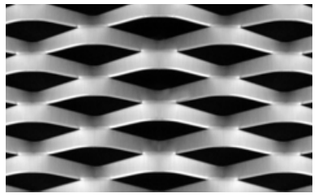
More product information

Parking Garage Wisselspoor in Utrecht (NL); PRODUCT: MD Expanded Metal, customized pattern based on MD Sierra in concave elements; FIXTURES: MD Verti fixtures with bespoke extruded connections; MATERIAL: Aluminium; FINISHES: Anodized; ARCHITECT: studioninedots, Amsterdam

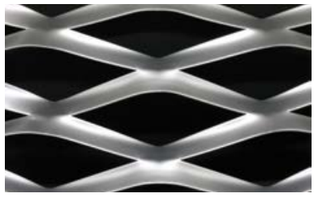
Watch project movie

Patterns

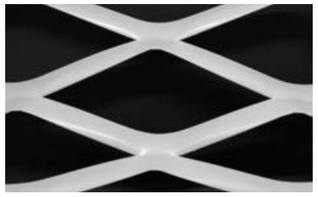
Metadecor provides a wide range of patterns of MD Expanded Metal – with variables in width, height and depth of the openings in the mesh – to accommodate not only the functional requirements but the aesthetic possibilities as well. The patterns below are just a selection of the total range. Visit our website to see more patterns and reference projects.



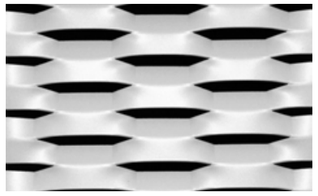
MD AIRPORT



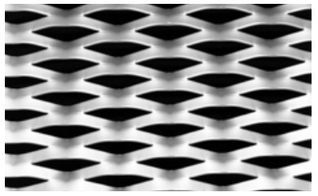
MD COLISEUM



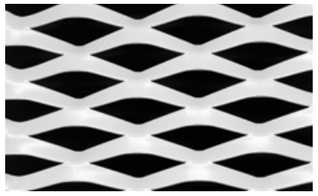
MD DELTA



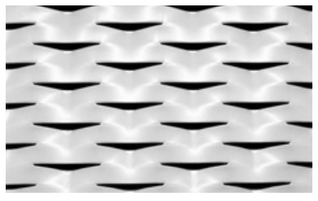
MD ESPERIA



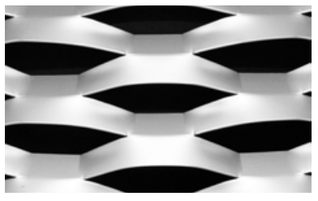
MD FILS5



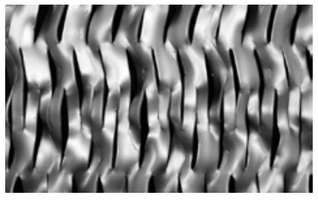
MD GATE



MD IDEA



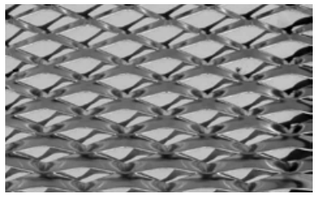
MD LUCERNA



MD MTC LS50

MD OMEGA

MD STADIUM

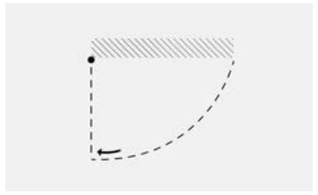


MD GRADIENT MESH

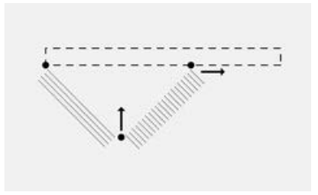
View all paterns

Fastening systems

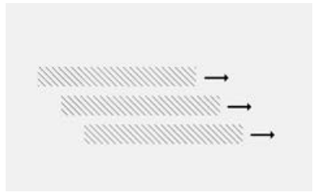
For panels with MD Expanded Metal, Metadecor offers multiple solutions for the installation of static panels and dynamic façade elements. Please note that the solutions below are our standard fixtures that can be customized according to your requirements.



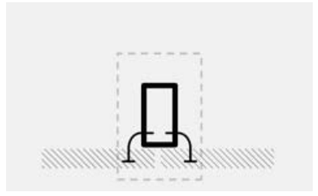
MD APERTURA - STA111
Moveable panels



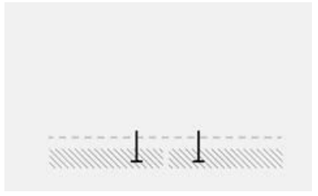
MD APERTURA - STA112
Moveable panels



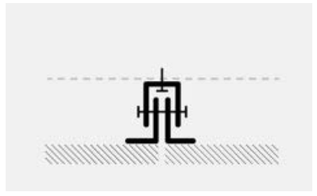
MD APERTURA - STA113
Moveable panels



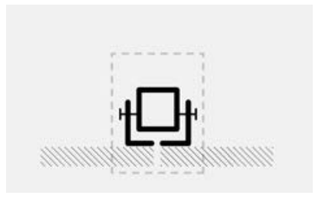
MD CLIPS - STC111
Visible connection



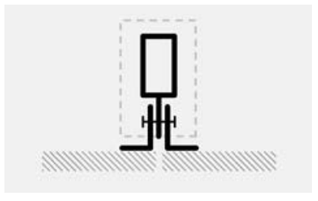
MD CLIPS - STC112
Visible connection



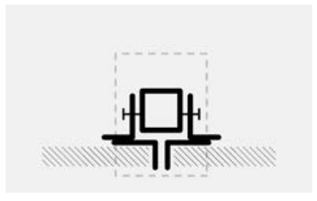
MD RESTO - STR111
Blind fastening



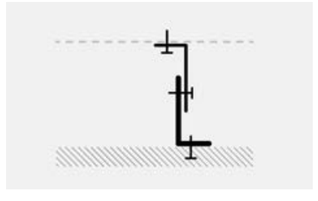
MD RESTO - STR115
Blind fastening



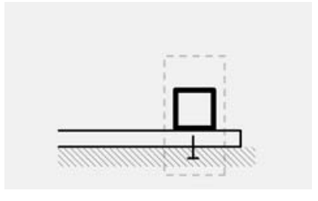
MD RESTO - STR116
Blind fastening



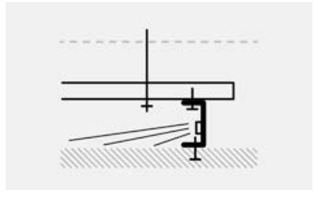
MD RESTO - STR117
Blind fastening



MD VERTI - STV111
Visible connection



MD VERTI - STV112
Visible connection for canopy



MD VERTI - STV113
Visible connection with lighting fixture

View all fastening systems

At Metadecor, we work with highly skilled, **multidisciplinary teams** to support our (potential) clients in every stage of a project. Every project starts with a first point of contact – usually with our Sales Engineers. With a growing concept for a design, our Engineering Department gets involved, to combine the aesthetic requirements with the functional demands toward a façade that can be produced within the budget and planning. We love to take the role of **co-creator** and **sparring partner** and give the design team the support it needs.

With a final design and a formal agreement for the collaboration, our Planning Team takes over and the façade is taken into production. Complex elements are prepared in our assembly halls in Kampen, the Netherlands. For most projects, Metadecor also takes care of the installation, with several teams working throughout Europe to deliver the **attention to detail** that is the basis of all our work. Sustainability in our field of work – the art of making long-lasting façades – starts with a good collaboration.

Inside Metadecor

Metadecor employs architects, structural engineers, building engineers, mechanical engineers and highly experienced façade consultants: For each project, a team is assembled to address the specific challenges the design team is faced with. Our engineers work with several software packages, and are familiar with tools like parametric design and BIM. For very specific topics, like acoustic calculations or solar revenues, we have long-standing collaborations with companies and consultants. The showroom in our headquarters in Kampen, the Netherlands is filled with panels and samples of recent projects and developments: You are very welcome to visit us! Be inspired by the range of possibilities our products and systems give the design team and get a feel for the production process by visiting our assembly halls.

ALUMINIUM

STEEL

CORTEN

STAINLESS

MAGNELIS

COPPER

BRASS

GLASS

WOOD

Materials

For most façades, we work with aluminium and steel (regular, stainless, weathering – corten – steel, Magnelis). The total range of materials is much wider: from copper and brass to composite panels of thin sheets of aluminium with a synthetic core (MD Flack). In recent projects, we have also used glass (clear or with photovoltaics) and wooden MD Lamel.

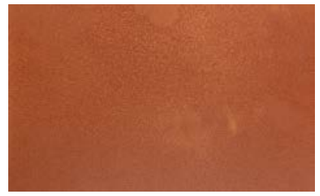
View completed projects

Finishes

To extend the lifespan of the façades, most materials need a layer of protection from the elements. We use two types of finishing for aluminium: powder coating and anodizing. Steel is generally galvanized to protect it from corrosion. Our experts will advise you on your choice for the best finish, taking the design, orientation and local climate and regulations into account.

POWDER COATING

Powder coating is an electrostatic painting process. The powder clings to the raw metal after which it is heated in an oven. The range of colours is indefinite, with several gradients of matt to gloss finish and a choice of textures. On top of standard powder coatings, we offer specials like MD Durafol: a super durable coating with a 40-year guarantee against corrosion – without the need for regular cleaning of the façade. MD Durafol is also available with textures like MD Corten and MD Concrete – mimicking the surface and colour of these materials but made from aluminium with this revolutionary coating.

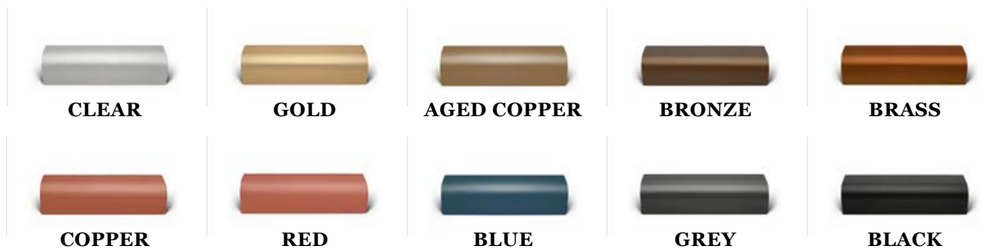


MD DURAFOL CORTEN

MD DURAFOL CONCRETE

ANODIZING

With anodizing the top layer of raw aluminium is chemically treated to create a sustainable protection against corrosion. With anodizing no extra material is added, which is an advantage in terms of sustainability. With anodizing it is possible to add color to the material, while maintaining its texture.



CLEAR **GOLD** **AGED COPPER** **BRONZE** **BRASS**

COPPER **RED** **BLUE** **GREY** **BLACK**