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Project: Hotel Caldor Münchendorf
Country: Austria
Design: Söhnle&Partner Architekten, S&P Architekten ZT GmbH
Image: Severin Wurm
Decor: _0077 NT
Architecture can’t be invented anew. The idea is more that of transforming materials, ornaments and typologies that already exist. And with FunderMax Exterior, you’ll have an innovative and sustainable building material in a multitude of variants to help you realise your idea creatively for people who create.
Max Exterior panels are duromer high-pressure laminates (HPL) in accordance with EN 438-6 Type EDF that are produced in lamination presses under great pressure and high temperature. Double-hardened acrylic PUR resins provide extremely effective weather protection that is particularly suitable for long-lasting balconies and façade claddings.

Properties:
- Extremely weather resistant
- EN ISO 4892-2
- Optimal light-fastness
- EN ISO 4892-3
- Double hardened
- Scratch resistant
- Solvent resistant
- Easy to clean
- Impact resistant
- Solvent resistant
- Easy to install
- Decorative
- Self-supporting
- Bending resistant EN ISO 178
- Frost resistant -80°C to 180°C (DMTA-OFI 300.128)
- Heat resistant -80°C to 180°C (DMTA-OFI 300.128)
- Easy to install
Max Exterior F-Quality
As a standard, Max Exterior panels come with 2 decorative sides. The core is flame-retardant and the surface is light-fast. Thanks to the double-hardened resin, it is also extremely weather resistant. (Fire test EN 13501-1, B-s2, d0)

Max Exterior Alu-Compact 42 F-Quality
The design meets F-Quality standards and is additionally provided on both sides with aluminium bands under the decorative layer. This ensures that even perforated panels are extremely stable. (Fire test EN 13501-1, B-s2, d0)

Sandwich Elements
The Max Exterior panels in F-Quality also come sanded on just one side for use in sandwich elements.

Processing
FunderMax offers CNC controlled processing and panel cutting. With state-of-the-art devices, it is possible to produce everything: from simple cutouts for mounting the facade panels, to intricate milling for balcony and fence elements. We can make just about anything you can dream up.

The applications shown are projects which were realised using Max Exterior. When planning and realising your own projects, please note that your local building regulations may require solutions which differ in some details.
Facade

- structuring of large surfaces
- back-ventilation for an optimal indoor climate
- curved shapes
Ovular form. Intense yellow. The outward appearance of this day-care centre is structured by a network of panel joints defined by the horizontal and vertical axes of the facade's various openings. The entrance is the focus of an intense yellow which fades to an almost-white light yellow along the facade, drawing the gaze to the oval's flattest point at the centre.
Facade

- warm, harmonious colour tone
- perfectly formed corners
- forward-looking heat insulation characteristics
Look in, look out.
Building a back-ventilated facade with Max Exterior facade panels is an economically smart decision with an eye to the future. After all, you only want to build a single-family home once. The longevity and lightness of the surface will ensure that occupants stay satisfied even after decades have passed.
Facade

- vertical segmentation
- large panel formats for wide surfaces
- supremely lightfast even with Creative decors
Optimally structured.
Max Exterior’s five panel formats offer a high degree of creative latitude. The layout grid can thus be adapted to the architecture in an ideal way.
A facade that shines.
Particularly where sales are concerned, clean and high-quality facades attract business and contribute to a positive image. This is just another valuable side-effect of Max Exterior panels, which represent an optimum structural complement to almost any subconstruction in back-ventilated facades.
Facade

- scratch and impact-resistance in high-wear areas
- easy cleaning guarantees long-term attractiveness of outer surfaces
- easy realisation of sculptural architecture

Project: Home for young people Móstoles Madrid
Country: Spain
Design: Architects Rita Schlaen & Dardo Cúeno
Decors: 0689 NT, 0077 NT
Clear forms. Bright colours. Residential buildings are increasingly joining the ranks of the design objects within the context of a city’s overall architecture. Unobtrusive design is a thing of the past. With their massive blocks and intersecting surfaces, these buildings appear much like sculptures in the urban environment.
Good all around. Generously planned objects done with Max Exterior are effective at more than just a distance. Closer inspection of our panels reveal just how easy they are to work with during the preparatory phase—as well as on location, when it comes time to adapt them precisely to the building’s existing structures.

_Facade_

* economical installation thanks to largely uniform panel formats  
* technical reliability thanks to decades of experience in exterior applications  
* easily adapted to actual conditions during installation

Project: Conservatoire Torrevieja (Alicante)  
Country: Spain  
Design: Architect José María Tomás  
Decors: 0027 NT, 0073 NT, 0160 NT
Project: Office building in Runding near Cham
Country: Germany
Design: ENGL+MEINDL ARCHITEKTEN CHAM
Images: www.engl-meindl.de
Decor: 0159 NT
Facade

• tested hail-resistance
• combinable with numerous other building materials
• exciting joint patterns
Outstanding craftsmanship. Max Exterior panels were used in the facade of this project, which was recognised with a craftsmanship award. And it was not long before this building was put to a physical test. Severe hailstorms caused considerable damage to many of the materials employed. But not to the tested Max Exterior panels.
Facade

- exciting play of light and shadows
- horizontal segmentation
- creative freedom in planning

Project: Office building Total Test
Country: Mexico
Design: Architect Lauro Villarreal Sanchez
Images: Juan Pablo Martin del Campo
Decor: 0085 NT
Contradictory. Despite its monochrome colouration, dynamic structures and overhangs allow this building to have a powerful effect on its environment. The flowing forms are further emphasised by the long and pointed shapes of the Max Exterior panels.
Facade

- lower energy costs
- perfectly suited for restoring and expanding older buildings
- ideal building biology thanks to rear-ventilation of the facade

Project: Residential building Pontons
Country: France
Design: Atelier BNA, B. Nicolas & G. Mercier Architects
Decor: 0168 NT
Up, up, and away!
Who says that one can only use Max Exterior for a facade?
From a building’s base to its balconies, from facades and roof parapets to roof soffits, Max Exterior cuts a fine figure anywhere it is used. Including in roofs crowned by dormers.
Facade

- intense lightfast colours available
- 5 formats for waste minimisation
- trimming service for timely execution
A classy box. That was the gist of comments in the specialist press when the Blumenhalle was opened. But this building is so much more. It is a meeting place and event centre at which traditional goings-on frequently come together with the modern, intensely coloured architecture. For example when the foyer of the Blumenhalle is opened up to the historic Wiesenmarkt.
Facade

- multiple shades of grey loosen up large surfaces
- horizontal segmentation with appropriate optional profiles
- combines with all common subconstructions

Project: Air France building
Country: France
Design: Agence Valero Gadán
Images: Patrick P. Muller
Decors: 0070 NT, 0074 NT, 0075 NT
Artistic. One could interpret it as the tasteful realisation of a painting by Piet Mondrian. Or one could view it as a puzzle. Max Exterior inspires imaginative solutions with something for everybody and for every point of view.
Facade

- uniform subconstruction regardless of decor
- prevention of thermal bridges
- easy custom trimming with clean edges

Project: Tower Block Marseille
Country: France
Design: Tectum Architecture
Decor: 0075 NT+ Ice, 0085 NT, 0689 NT
Project: Buhler
Country: India
Design: VSDP
Decors: 0085 NT, 0328 NT
Facade

- Dualis Ice combinations for metallic effects
- Trimming for an exact fit can be done on location with no difficulty
- Double-hardened surface guarantees long-lasting beauty
Pure dynamism.
The building site is situated on a heavily trafficked roadway, with vehicles moving past the building at high speeds—a dynamic which the building's architecture takes up. The facade's clear lines support visibility and recognisability. A striking feature is the flowing transition between the facade and the projecting roof, rendering the building's shell a statement that can be seen far and wide.
Facade

- extreme durability and scratch-resistance
- simple to clean
- economical installation thanks to large formats

Peak performance.
Upliftingly beautiful and perfectly formed. It's how every entrepreneur would like his business’s entrance to be. With the appropriate colour accents in the right places, Max Exterior facades energise the shopping experience.
Project: Wissol petrol station, „Smart” Market, Akhalsikhe
Country: Georgian Republic
Design: Architect Tengiz Kvantaliani, Studio ARCI
Realisation: Eurofasad Ltd.
Decors: 0706 NT, 0736 NT
Corporate architecture meets world cultural heritage.
The assignment: to combine a commercial building’s architecture with a specific quality of life—as a reflection of a company that can combine perfection and innovation with the province of Burgenland’s culture and typical joie de vivre. To visualise international high-tech on the outside while at the same time creating a building that is cost-efficient, sustainable and precise in its construction. Extremely high standards which should also be upheld and made visible by the building’s architectural concept. Including the facade with Max Exterior.
Facade

- extraordinary surface effects thanks to Authentic panels
- sustainably economical
- high rigidity allows the use of relatively thin panels

Award-winning unity. Embedded in the context of the rectory and the church, which is protected as a historic landmark, this community centre forms a harmonious urban ensemble. Alongside an entrance square toward the street, the building formulates a protected courtyard upon which the community meeting hall is oriented. The monolithic approach of unified covering for the building’s facade and the flat, slanted roofs has been realised in a consistent manner.
Project: Community center, Ginsheim-Gustavsburg
Country: Germany
Design: Hille Architects
Images: Horst Goebel
Decor: AUTN Authentic Nature
Lap siding

- prefabricated elements
- well-conceived fastening system
- accessories available as part of the product range
Project: Plate-Forme Industrielle Courrier (P.I.C.)
Country: France
Design: SERAU Architecture
Decor: 0161 NT
Lap siding

- bendable over large radiuses
- prefabrication makes possible quick installation
- stock program available

Project: Hall of residence
Country: France
Design: Atelier Empreinte
Constructor: Logirem
Decor: 0169 NT
Innovative technology.
A model project in terms of energy efficiency—both on the building’s inside as well as on the outer shell with its Max Exterior lap siding elements. Entailing the project’s virtually automatic nomination for the Austrian Climate Protection Award.
Taking its cue from nature. This facade’s unusual appearance plays with the stimulating effect of viewing it from various distances. Viewed close up, it gives rise to associations with a forested landscape, while from far off the strongly pixellated floral pattern blends smoothly. The black-and-white pixellation of the park-like ground surfacing outside corresponds to the façade’s theme.
Indivudualdecor/Art-Decor

- motifs can cover multiple panel formats
- wide range of available arct decors
- art decors allow easy realisation of colour variants

Suggestively inviting.
A symbolically powerful facade with a signalling effect. Individualdecor allow Max Exterior to achieve just that. Even on the outside, you see what lies behind. And you still get the invisible benefit of Max Exterior's considerable inner values.
Project: Home of generations Eggersdorf
Country: Austria
Design: Architect Gerhard Mitterberger
Decor: P947 NT (Art Dekor)
Moving up in the world.
After 50 years, an old building was given a wood-frame addition on top. Its new back-ventilated facade with Max Exterior creates ideal conditions for lowering energy costs. And the latitude for design creativity is shown by the individual design of the facade panels as well as in the construction itself. The south-facing facade projection on the top floor also provides protection from the sun.
Project: Kindergarten „Old Argoner“ Hanau
Country: Germany
Design: AIP Arbeitsgemeinschaft Integrierte Planung GmbH,
Hanau Immobilien- und Baumanagement (constructor)
Decor: Individualdekor
Individualdecor

- high impact-resistance thanks to homogenous core
- very dark colours possible
- long-lasting resistance to sun and rain

Project: Ratio Shopping Center Baunatal
Country: Germany
Design: Arge Ratio-Land Baunatal, MBN Bau AG - Telos Real GmbH + Co.KG
Images: Quabbe + Tessmann/ThyssenKrupp Plastics
Decors: 0742 NT, Individualdecor
Great personalities.
In architecture, the human factor plays a major role. So almost automatically, the ability to individualise which Max Exterior panels provide is put to use in public buildings and shopping centres—everywhere large numbers of people come together.
Individual decor

- Panels of up to 4 m in length are possible without division
- Low weight is structurally advantageous
- Well-chosen decors make a high class look-and-feel
The premium category.
Only the best for the best. Elegant motifs and high-quality features—to be found in Max Exterior panels combined with individual decors. Whether among business travellers or fans headed to a football event, the impression will be first class.
from graphic motifs to photorealistic ones, anything is possible
corporate design can be realised perfectly
individual design solutions
Heavy traffic. Whether it’s the unified design of facades for highly frequented shopping centres, or for the illustration of a passion for flying on someone’s own facade at home—with Max Exterior panels and individual decors, it’s always possible to make a harmonious overall impression that extends across all panel formats.
Balconies

- Lean, airy look with high break-resistance
- Easy processing makes possible complicated detailed solutions
- Large areas are enlivened with small panel divisions
Project: Pantin hall of residence
Country: France
Design: OFIS Architects
Decor: AUTN Authentic Nature
Balconies

- Economical large fastening distances thanks to high break-resistance
- Many fastening variants possible
- Choose from over 100 decors

Project: Les Jardins d'Alembert
Country: France
Design: Architects Lacaille and Lassus
Decor: 0803 NT
Diversity for all occasions. No matter whether wood decors, plain colours or creative decors: there have never been this many decors available for exterior use. And if that’s not enough, FunderMax offers „Individualdecor“ to get it just right.
Balconies

easily combinable thanks to coordinated range of colours
front side coloured and rear side in white upon request
decades of durability thanks to proven material

Upgraded.
Balconies are a plus not only for residents’ quality of life at home, but also for the outward appearance of this apartment building. Here, the building's outer cladding has a special role to play. It should be decorative as well as safe and secure.
**Project**  Apartement building Olomouc  
**Country**  Czech Republic  
**Decor**  0674 NT
A question of perspectives. Are roofs and porches only for protection? Or can they be more? A glance upward reveals interesting possibilities. In addition to decorative surfaces, Max Exterior also offers other design options. One can engrave its surface, cut out motifs, cut slits into aluminium-reinforced panels, and much more...
Project: Newmarket Railway Station, Auckland
Country: New Zealand
Design: Opus International Consultants Ltd.
Images: John Gibbons
Decor: 0125 NT
Elements

_complex cut-out motifs achieved with CNC processing
_a variety of decors and decor variants
_clean details

Project: Apartment building Grand Synthe
Country: France
Design: Architects SEURA
           (Florence Bougnoux, Jean-Marc Fritz, David Mangin)
Decor: 0792 NT
Project: Consecration hall Wels
Country: Austria
Design: Delta Projektconsult
Decor: 0158 NT
Individuality regardless of the decor.
Individual decors are a very good thing. But design is done first and foremost with shapes, from atypical shapes to those of the basic geometric variety. Thanks to its physical characteristics, Max Exterior offers these possibilities in nearly all variants—some of which have been used in award-winning urban renewal projects.
Project: Urban renewal project in Vienna
Country: Austria
Design: Ing. Fritz Brandstätter Bauplanungs- & Management GmbH
Images: Ing. Fritz Brandstätter Bauplanungs- & Management GmbH
Decor: 0793 NT
Balustrades and functional structures

- with aluminium layers reinforced panels for creative solutions
- orientation system based on the use of varying panel decors
- high-quality prefabricated parts thanks to CNC processing
Project: Local Poubelle „Résidence l'Abbaye” St Cyr Ecole
Country: France
Design: Tectum
Decor: 0601 NT

Project: Music- and Primary School Wördern
Country: Austria
Design: Architect Gottfried Buresch
Decor: 0168 NT
Sunblinds

- many fastening options on both frames and rails
- adaptation to regional characteristics using individual cut-out styles
- diverse decors

Project: Apartment building Saint Quen
Country: France
Design: Agency Rafatdjou Makan
Decor: 0168 NT
Highly varied styling methods. A both attractive and striking appearance. Architects sometimes achieve this by the use of sliding elements or shutters on buildings. The decor and easily-to-process panels from Max Exterior allow elements with very personal designs to be built, taking a project beyond the realm of prefabricated products.
Sunblinds

- highly stable material makes possible high transparency
- functional wind protection and privacy in a sophisticated design
- long fastening intervals lend this construction a lightweight appearance
The dark side.
This concept is unknown to Max Exterior panels. Durable, stable elements provide effective protection from the sun and the weather. Whether vertical or horizontal, fixed or moving.
Lettering

cut-outs are no problem for Max Exterior panels.
cut-outs in the decor layer does not diminish the panel's quality
individual, weather-resistant digital printing

Project: Showroom Carpentry Helmer
Country: Austria
Design: Architects Amon & Partner ZT-GmbH
Decor: 0037 NT

Project: Music center of St. Nikolai
Country: Austria
Design: Architect Gerhard Mitterberger
Decor: 0085 NT
Preserved for posterity.
Just like a museum has the job of preserving things for future generations, Max Exterior provides logos, lettering, and maps of cities and cycling routes with decades of protection from bleaching and weathering, and even from graffiti. This is possible thanks to these panels’ double-hardened surface and optimally lightfast quality.
Outdoors

- easy processing makes possible a wide array of shapes
- diverse fastening options
- lasting resistance to sun and rain
A different kind of lattice fence. The basic idea of a rustic lattice fence was used to create a cocoon-like steel frame around a swimming pool. With suspended Max Exterior panels and more-or-less function-dependent components, the parametrically organised space serves to sum up the possibilities of surfaces that can be used and experienced.
Outdoors

easy to clean
surface variants from matt to glossy
non-slip Hexa surface

Project: KARAS Grill Bettenhausen Kassel
Country: Germany
Design: Metall 24 KG Kassel
Images: SKV GmbH/Peter Krause
Decor: 1260 NT
Skid-resistant.
A surface that offers a firm foothold. The Hexa surface from Max Exterior. Alongside this quality, these Max Exterior floorboards and waffle-slabs also feature a specially developed fastening system as well as the absence of splinters and zero maintenance requirements.
Outdoors

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*high degree of prefabrication ensures perfect quality
*material stability thanks to aluminium inserts makes possible large cut-outs
*double-hardened surface guarantees lasting beauty

A different kind of landscaping. Whether in an urban environment or surrounded by nature, Max Exterior also cuts a good figure in unusual applications. For every situation, there is the appropriate decor combined with a lightfast surface.
Project: Memorial place Nikola Tesla, Smiljan
Country: Croatia
Design: Timotej Kritovac d.i.a.
Decors: 0160 NT, 0161 NT, 0168 NT
Where life is colourful and wild.
When it comes to supporting happy kids, young sports fans and athletes in their emotions, the Max Exterior collection has the right decor for everybody. So which one will it be?
Project: Bavina - sport facility and residence hall
Country: Czech Republic
Design: GEBAS Atelier
(Architect Miroslav Gebas/Architect Tomáš Vymetálek)
Decors: wide choice from the Max Exterior range
Resists wind and weather. High performance is required of more than just athletes—facade panels are also expected to exceed the norm. Max Exterior’s rugged durability is ensured by the patented, double-hardened NT surface, which lets the facade panels provide a high degree of weather-protection.
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