

exterior

Max Exterior Facade Panels

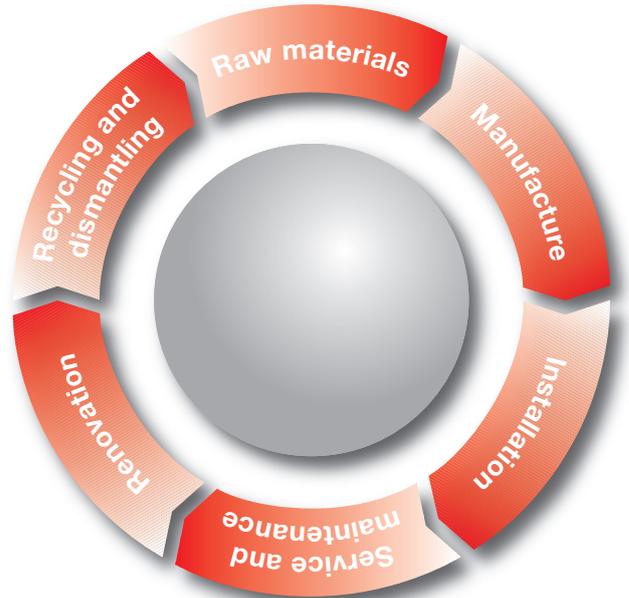
sustainable
environmental
economical
long-lasting
individual

for
people
who
create

Max Exterior. Sustainable manufacturing.

Natural materials

Max Exterior panels are primarily made of wood that is processed into "kraft paper." The wood accumulates as a byproduct during logging or in sawmills. We procure these raw materials from suppliers who are certified according to the FSC or PEFC standards. These standards confirm that the logging occurs in accordance with internationally valid rules for sustainable forestry.



Environmentally friendly production

The kraft paper is impregnated with resin on impregnating lines, dried, and pressed at high pressure into durable, moisture-resistant panels. The exhaust air from the drying process is treated by regenerative thermal oxidation, in which heat produced thereby is redirected back into the process.

For installing this efficient exhaust air handling, FunderMax was given the "Klima:aktiv" Best Practice award by the Austrian Energy Agency and the Federal Ministry for the Environment. At the FunderMax manufacturing site, around 10,000 tons of CO₂ can be reduced annually.

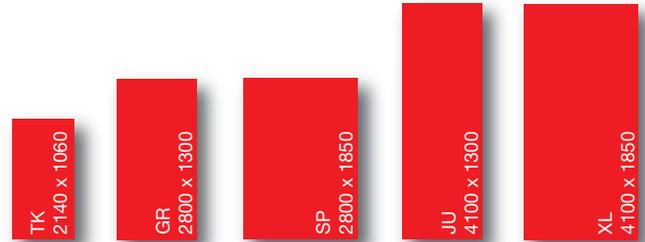


Max Exterior. Sustainably economical.

FUNDERMAX®

Simple processing and installation

Max Exterior can easily be cut and machined. The variety of sizes guarantees economical construction by optimizing offcuts. Max Exterior are impact resistant and break-proof and are even forgiving to rough handling at the construction site. Their high rigidity makes using relatively thin panels possible. Handling of the product at the construction site is thereby simplified.



Long-lasting and maintenance-free

Comprehensive tests certify that Max Exterior panels have a lifespan of over 50 years. The patented manufacturing process guarantees the surface's extreme weather resistance, whereby even intensive plain colours and intense wood decors remain brilliant over the long run. Max Exterior does not require maintenance in order to secure their long lifespan. The panels' surface does not easily become dirty. Most impurities are washed away by rain. If required, cleaning with standard cleaning agents is possible, whereby even highly effective solvents may be used for removing graffiti. Sealing the edges is—even after cutting—not necessary. The robust surface is also suitable for highly stressed areas of application, such as building facade foundation areas, and does not display any dents upon impact.



Max Exterior. Sustainable life cycle.

Disposal/recycling

Off-cuts are energetically recycled in-house. In our state-of-the-art green electricity district heating power stations, no harmful exhausts arise, such as dioxin, hydrochloric acid or organic chlorine compounds. The residual ashes are free of heavy metals.



Renovation

Max Exterior panels are ideally suited for renovation, including thermal renovation, of existing buildings. The removal or preparation of defective subsurfaces can be omitted. Thereby, as well as via climate-insensitive assembly, increases in construction time and costs can be avoided.

With careful planning, the panels can be cut in advance and waste disposal expenditures at the construction site minimized.

Compared to plastered facades or Exterior insulation finishing system, maintenance costs are lower.



Max Exterior. Sustainable corporate management.

FUNDERMAX®

Corporate philosophy

For decades, FunderMax has pursued the philosophy of sustainable economy.

For over 100 years, we have been specialists in processing renewable raw materials into first-class product applications. We implement closed production cycles.

Production drop-offs are either materially returned to the manufacturing process or energetically utilized in our green electricity district heating power stations. As a private company, FunderMax supplies district heating to over 3000 households.

We work according to a TÜV-certified quality, environmental and work safety management system in accordance with international standards ISO 9001, ISO 14001 and OHSAS 18001. These standards and the annual external inspection by independent evaluators secure that product quality continually increases, environmental impact is reduced and on-the-job accidents avoided.



FunderMax factory III in St. Veit/Glan



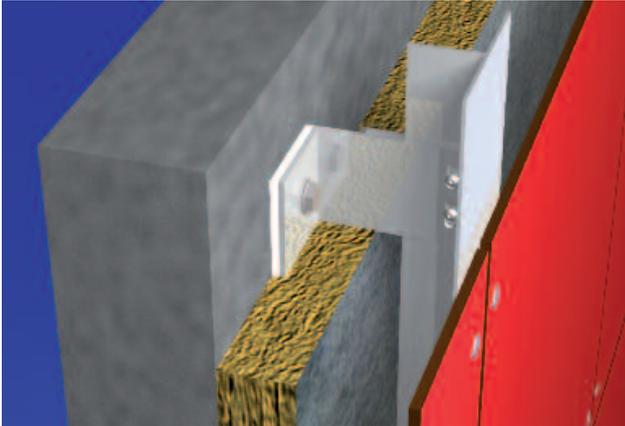
FunderMax green energy district heating power station St. Veit/Glan



All production facilities are certified according to the United States' HPR (highly protected risk) fire protection standard. This certificate, which must be newly acquired every year, means that FunderMax meets organizational and technical fire precautions in accordance with the highest technological standard. Thus, for example, all production facilities are equipped with sprinkler protection. For customers, this means the highest delivery reliability.

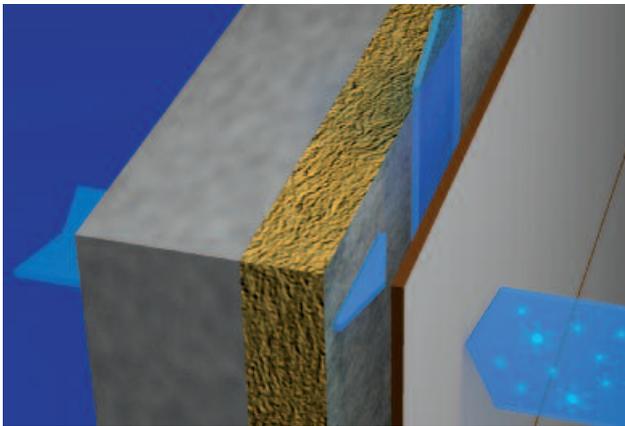
Research and development at FunderMax is very highly integrated into environmental optimization, particularly into the constant improvement of closed materials cycles.

Max Exterior. The technology.



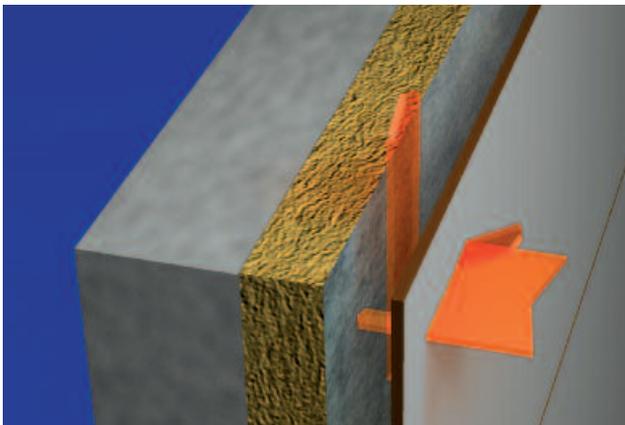
Technological quality

Max Exterior is non-loadbearing, rear-ventilated facade system. Thermal insulation and weatherproofing are thereby structurally separate. Sensitivity to damage is thereby lower than with other facade systems. Moreover, special requirements—for instance for fire, noise or lightning protection—can be smoothly and creatively implemented.



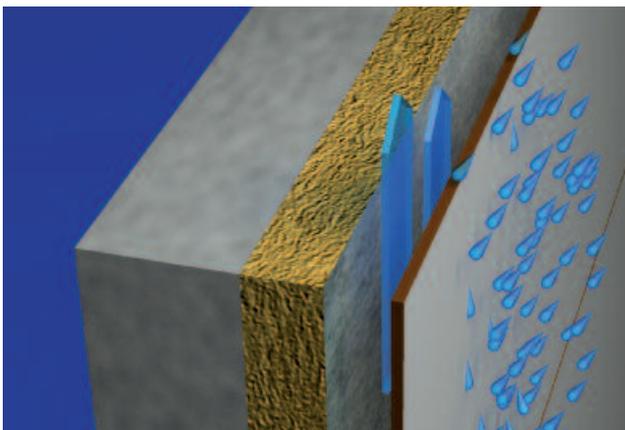
Humidity and condensation protection

Construction of the non-loadbearing, rear-ventilated facade guarantees discharge of moisture resulting from the building and its use, via vapor diffusion resistance decreasing from inside to outside and the continuous air stream in the rear ventilation space. This guarantees the insulation function and prevents the growth of molds on a sustained basis. A comfortable indoor climate is ensured.



Insulation against heat and cold

The non-loadbearing, rear-ventilated facade system allows for any desired insulating material thickness. Thermal transmittance values required for low-energy buildings can thereby be achieved. Thus, both interior heating and air conditioning costs can be saved, and carbon dioxide emissions thereby reduced.



Rain shield

The non-loadbearing, rear-ventilated facade system is part of stress group III according to DIN 4108-3 and is safe against driving rain. The rear ventilation space between insulation and sheathing (weatherproofing) efficiently dissipates moisture.

Max Exterior. Design flexibility.

FUNDERMAX®

100% individual

Through its large selection of decors, a variety of colors and digital prints, architectural possibilities, planning various joint partitions and layout patterns, as well as the use of visible or secret mountings, the non-loadbearing, rear-ventilated facade system offers unlimited design possibility.



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