



**First in Quality,
Exterior and Interior Panels**

information

**for
people
who
create**

The Company

FunderMax is one of the leading European suppliers of derived timber products and decorative laminates (HPL). Quality, awareness for the market and a strict focus on the needs of customers characterize the company's strategic direction. The continuous improvement of product quality and the regular update of designs to reflect the latest market trends form the foundation of business activities. FunderMax has an export ratio of 71%, which is supported by a worldwide sales network.

FunderMax North America Inc is the North American subsidiary based in Charlotte NC. Our team is dedicated to provide the best service and support in the industry.



PRODUCTS

- Max Compact Exterior
- m.look NCore
- Max Compact Interior
- High Pressure Laminates (HPL)
- Max Resistance²
- Star Favorit
- Biofaser



PHOTO: MIGUEL ANGEL RAGA MARTÍNEZ · ARCHITECT: INITIAL CONTROL, SL

Resource and Environmentally Friendly Panels

We are specialists in the processing of renewable raw materials – and have been for over 100 years. Our production cycles are closed, production waste is either recycled back into the production process or used to generate energy in our green energy district heating plants. This works so well, that today as a private company we provide district heating to over 3,000 households.

SUSTAINABLE PRODUCTION

FunderMax products contribute to LEED in a number of categories: Renewable Materials, FSC®, Greenguard, EPD, LCA.

Max Exterior is made from natural fiber panels — around approx. 65%, by weight — consisting largely of wood that has been processed into “kraft papers”. This wood is a by-product of sawn lumber production or of sawmills. We source these raw materials from vendors certified according to Forest Stewardship Council standards (FSC®*) or PEFC™. These standards ensure that the wood is produced in compliance with internationally applicable rules for sustainable forestry.

The kraft papers are impregnated with synthetic thermosetting resins in impregnation facilities, dried, and pressed into durable, moisture resistant panels under high pressure and heat. These panels do not contain organic halogen (or chlorine, fluorine, bromine, etc.) compounds such as are found in greenhouse gases or PVC. They contain neither asbestos nor wood protection agents (fungicides, pesticides, etc.) and are free of sulphur, mercury and cadmium.

The exhaust air removed from the drying process is treated using a process of regenerative thermal oxidation, with the

resulting heat being fed back into said drying process. For its installation of this efficient exhaust air treatment, FunderMax was awarded the “Klima:aktiv” award for best practices by the Austrian Energy Agency and the Austrian Federal Ministry of the Environment. This avoids CO² emissions of ca. 10,000 tons annually at the production site.

QUALITY MANAGEMENT SYSTEMS

FunderMax has oriented its production facilities and processes on internationally recognized standards such as ISO 9001, ISO 14001, OHSAS 18001 and EN 16001. This fact gives all customers the assurance that they have in their hands a high-quality construction product. And in its procurement of raw materials and intermediate products, FunderMax orients itself on up to date standards such as FSC® (Forestry Stewardship Council) and PEFC™.

WASTE DISPOSAL

Chips and shavings produced by processing (cutting and milling) are not hazardous to human health. This also means that waste can even be disposed of thermally without the emission of environmental toxins such as hydrochloric acid, organic chlorine compounds or dioxins, assuming modern heating systems. At appropriately high temperatures, and assuming both sufficiently long retention of the combustion gas in the combustion space and a sufficient oxygen supply, Max Exterior decomposes into carbon dioxide, nitrogen, water and ash. The energy emitted via this process can be put to use. Disposal in properly managed commercial waste disposal sites is unproblematic. As a matter of principle, country specific laws and regulations with regard to disposal must be adhered to.



* YOU WILL FIND DETAILED INFORMATION AT WWW.FUNDERMAX.AT

Max Exterior - Rainscreen applications

Max Exterior is a high-quality construction product which is engineered for long lasting drained and back ventilated facade cladding.

Max Exterior panels are duromer high-pressure laminates (HPL) in accordance with EN 438-6 Type EDF with extremely effective weather protection. This weather protection consists of double hardened acrylic polyurethane resins.

They are produced using the patented NT Technology by FunderMax. FunderMax's ICC Evaluation Services Report can be found www.icc-es.org. See report #3340

ADVANTAGES

- Easy to install
- Scratch resistant
- Graffiti resistant
- Non porous and easy to clean
- Solvent and chemical resistant
- Extremely UV and weather resistant
- Double sided balanced panel
- Impact resistant to EN ISO 178
- Strongest warranty in the industry
- Double hardened
- 115 standard colors and decors
- Custom graphics (Individualdecor)
- 4 Innovative surface textures
- 5 Large panel sizes up to 161"x73"
- High flatness and flexural strength
- Extreme temperature resistance: -112F to +356F
- Warranted for vertical and horizontal applications
- Class A fire rated
- ICC ESR #3340 report
- Quick shipment of select colors from US stock

APPLICATIONS

Rainscreen facades, outdoor furniture, wall cladding, partition walls, railings, gates and doors, balconies, soffits, sun shades and other building applications.



PHOTO: FRED LAURES · ARCHITECT: AGENCE PACE ARCHITECTURE



ARCHITECT: EMMA ARCHITECTS VII

Rainscreen Systems

An innovative fixing system. An impressive facade...

The perfect combination.

Everything you could need to create the most durable, cost effective and impressive facades... It's all available right here, from one source, FunderMax. These unique facade systems make life so much easier and they are available in all 115 standard decors & 4 textures.

APPROVED RAINSCREEN SYSTEMS USING MAX EXTERIOR:

- Exposed fastened (screws/rivets)
- Large panel concealed fastened
- Modulo
- Scaleo

ADVANTAGES OF MODULO AND SCALEO

- Factory fabricated
- Most economical
- Concealed rainscreen systems
- Closed joints
- Ease of installation resulting in a reduction of labor costs

MODULO

MODULO is a lightweight, flexible closed joint facade system. Contemporary unique and versatile, Modulo can also be used to create striking interior wall cladding. The substructure can be either treated lumber or aluminum. NFPA tested.



ARCHITECT: BARRILOT ARCHITECTURE

SCALEO

SCALEO is an impressive prefabricated lap siding system. Ultra robust, this traditional yet innovative facade is perfect for every sector, with its distinctive, modern finish and extremely durable properties.

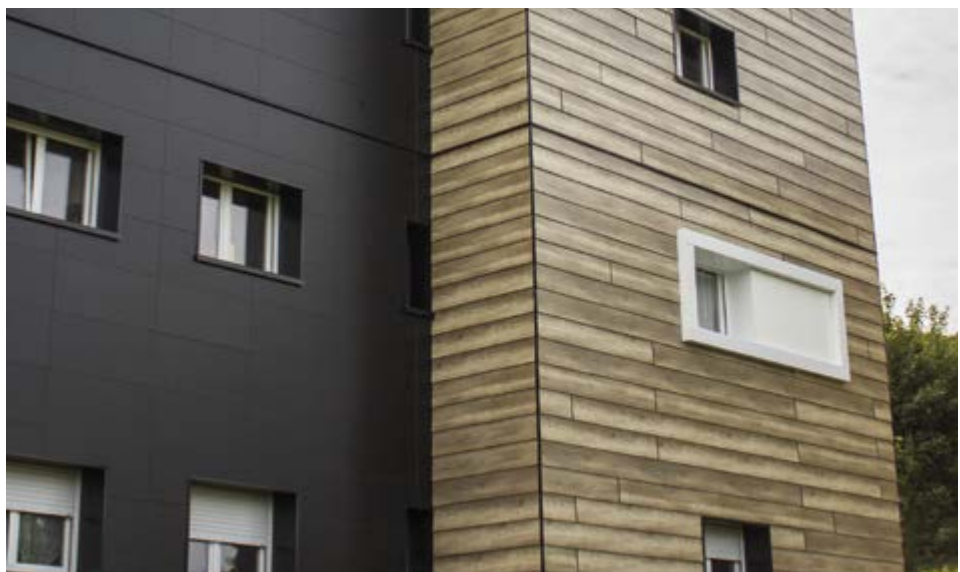


PHOTO: AGENCE ULYSSES

m.look NCore®

The Non Combustible material with the highest degree of architectural freedom and design possibilities for limitless ideas.

m.look NCore offers the unique combination of a non combustible rainscreen material which comes in the full range of 115 colors and decors for unlimited architectural ideas and any building height.

Material in compliance with sections 703.5.1 and 703.5.2 of the 2015 IBC for materials considered non combustible based on code requirements and passing ASTM E136 and E84 test protocol

ADVANTAGES

- Large 64"x144" panel size
- Scratch resistant
- Graffiti resistant
- Non-porous and easy to clean
- Easy to install
- Light weight facade panel
- Extremely UV and weather resistant
- Impact resistant
- Double-hardened, NT® surface
- 115 colors/decors

APPLICATIONS

Exterior: rainscreen facades, infills for curtain walls, balcony cladding, soffits, covering for sandwich-panel walls, sliding elements, sun protection, fence elements, window and door inserts.

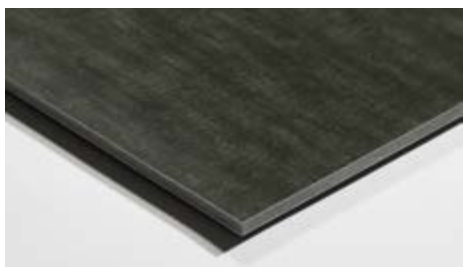
Interior: wall cladding, ceilings, partitions for offices and restrooms, staircase and handrail infill panels, stairwell and emergency exit cladding.



PHOTO: CHRISTOF LACKNER · ARCHITECT: SUDOP PRAHA A.S.



PHOTO: CHRISTOF LACKNER · ARCHITECT: SUDOP PRAHA A.S.





ARCHITECT: DI JOHANNES SCHALLHAMMER



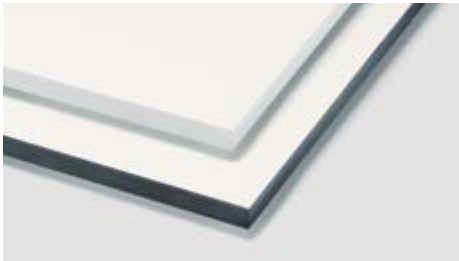
ARCHITECT: JACEK ŚWIDERSKI, KURYŁOWICZ & ASSOCIATES

Max Compact Interior

Max Compact panels are high-pressure laminates (HPL) in accordance with EN 438-4 Type CGS for heavy-duty areas of application.

ADVANTAGES

- Non porous and easy to clean
- Solvent, impact and scratch resistant
- Moisture resistant
- Available in a wide range of decors and textures
- Thickness 1/8" - 1"
- Double sided balanced panels
- Quick shipment of select colors from US stock



APPLICATIONS

Sanitary and wet rooms, wall cladding, railing panels, partitions, furniture, tables, etc.



Max HPL

Thin laminate (HPL) is a particularly decorative material. It's exactly because of this, that Max HPL is the first choice for interior projects where high quality and design are a must.

ADVANTAGES

- High resistance to abrasion, shocks, scratches and heat
- Increased impact resistance
- Easy to clean and resistant to household chemicals
- Approved for use in food environments
- Wide range of colors and textures
- Anti-fingerprint surface available



PHOTO: RUPERT STEINER

APPLICATIONS

Furniture, interior design, commercial applications, shop fixtures.



PHOTO: HANNES KOHLMEIER
ARCHITECT: KRAINER ZT GMBH



PHOTO: HANNES KOHLMEIER · ARCHITECT: KRAINER ZT GMBH

Max Resistance²

In Laboratories and Scientific Furniture applications extremely durable surfaces are required. When absolute cleanliness and durability are a must, Max Resistance² is your product of choice.

Composed of carefully selected and tested raw materials, Max Resistance² is suitable for even the most challenging applications. These homogeneous compact panels are manufactured using high temperature and pressure, to create a unique product that is color-fast and boasts greater chemical and mechanical resistance. Seamless and fully enclosed, this unique material can resist constant exposure to moisture and chemicals. Even highly concentrated acids and solvents as well as aggressive cleaning-agents and disinfectants do not alter the surface or color.

ADVANTAGES

- Excellent mechanical and physical properties
- Superior chemical resistance - 24h SEFA3. (esp. concentrated acids)
- Abrasion & scratch resistant
- Resistant to thermal shock
- Non porous - easy to clean
- Safe for use in food environment
- Double sided, balanced panel
- Large panel size: 64"x144"
- Thickness range: 1/6" - 1"
- Light weight, high flexural strength
- Quick shipment of select colors from US stock



APPLICATIONS

Laboratory worktops, furniture, tables, shelves, claddings, fume-hood inner liners and partition walls for all kind of Laboratories like Education, Research, Pharmaceutical, Food and Beverage, etc.



Star Favorit

A brand which lives up to its name. Star Favorit is a Thermally Fused Laminate (TFL) and allows you to fulfill your clients wishes to the utmost satisfaction!

ADVANTAGES

- Impact and scratch resistant
- Easy to fabricate
- Optimal cost-benefit ratio
- Wide range of colors and textures
- Anti-fingerprint surface available

APPLICATIONS

Kitchen cabinets, high quality furniture, partitions, shop fixtures.



Biofaser

A High density Fiber board with unique performance characteristics material that stands for healthy living both at work and home. A result of decades of commitment to sustainability.

ADVANTAGES

- Easy to fabricate
- Made from natural and renewable raw materials
- Low emissions comparable to natural wood

APPLICATIONS

Interior door construction, furniture and automotive industry.



PHOTO: GERALD LECHNER

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