



**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
- Max HPL (Thin Laminate)
- Max Resistance²



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 can potentially contribute to LEED in several categories with our EPD, HPD, FSC® and Greenguard Certificates.

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, ISO 50001 und ISO 45001. This fact gives all customers the assurance that they have in their hands a high-quality construction product. In its procurement of raw materials and intermediate products, FunderMax orients itself on up to date standards such as FSC® (Forest 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.US

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
- Strongest warranty in the industry
- Double hardened
- Available in a wide range of colors
- 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
- NFPA285 Compliant Assemblies Available
- 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: JOHN GAWLEY



ARCHITECT: EMMA ARCHITECTS VII

Authentic

The panels with the most genuine look that confer to the building a very natural look.

The Authentic panels, with their extremely effective weather protection, provide an attractive alternative to standard exterior building cladding. They do not have an additional color layer, showing the natural beauty of the raw material. This unique finish gives every single panel a different look. Authentic panels show almost all the advantages of the Max Compact Exterior panels and allow the design of numerous applications that go from rain-screen facades to balcony flooring design.

ADVANTAGES

- Natural look
- 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
- 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

APPLICATIONS

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



PHOTO: ARQ. FRANCISCO MANOSALVAS · ARCHITECT: PATRICIA SENCIÓN



ARCHITECT: DIE NETZWERKARCHITEKTEN



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 121 standard decors and 4 textures.

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. NFPA285 Compliant assemblies are available.



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



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 121 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 52 23/64"x137 51/64" 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
- 121 colors/decors

APPLICATIONS

Exterior: rainscreen facades, balcony cladding, soffits, sun protection, fence elements.

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.



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 colors 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 laboratory and scientific furniture applications highly durable surfaces are required. When absolute cleanliness, durability and extreme resistance are essential, Max Resistance² is your product of choice...

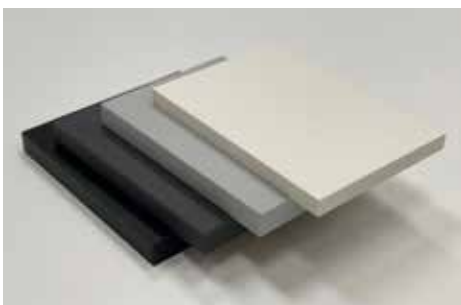
Max Resistance² is a duromer high-pressure, phenolic, laminate (HPL). The layers of virgin kraft paper impregnated with phenolic resin coupled with its scientifically developed, double-cured polyurethane acrylic coating ensure that Max Resistance² stands up to the toughest tests. Unaffected by solvents, most acids and the harshest chemicals, this easy-to-clean and disinfect surface is also wear and scratch resistant. As well as moisture and heat resistant, Max Resistance² will significantly extend the life cycle of your laboratory work surface.

ADVANTAGES

- Excellent mechanical and physical properties
- Superior chemical resistance (surpasses SEFA 3)
- Abrasion & scratch resistance
- Resistant to heat and thermal shock
- Non porous – easy to disinfect & clean
- Sustainable
- Easy to fabricate & install
- Antistatic
- Impact resistance
- Lightweight, yet durable
- Available in thicknesses from 1/6 – 1”
- Color fast – with a range of color options
- Black core and colored core

APPLICATIONS

Suitable for use on laboratory grade countertops, marine edge work surfaces, shelving, casework, lockers, wall cladding, partitions and fume hood liners & fume hood bench tops, in all types of laboratory.



Individualdecor

Individualdecor is the HPL digitally printed panel option that allows customized designs at any scale.

With all the features and benefits of a Max Exterior panel, Individualdecor allows the designer to incorporate any digital image on the panel for added imaging or artistic value. Suitable for rainscreen facades, interior wall lining, as well as other interior and exterior applications. Realize your imagination with Individualdecor.

ADVANTAGES

- Allow customized panels through digital printing
- 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
- 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

APPLICATIONS

Rainscreen facades, wall lining, balconies, partition walls, cubicles, signage and other building applications.



PHOTO: BAUMIT



PHOTO: HANNES KOHLMEIER

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