

Information

Exterior, Interior, and
Laboratory Panels

: : Fundermax





Sustainability First

We are specialists in the processing of renewable raw materials – and have been for over 130 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.

We provide district heating for approximately 10,000 households per year and green electricity for approximately 35,000 households. The district heating replaces individual heat sources saving the environment 18,000 tons of emissions per year.

SUSTAINABLE PRODUCTION

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

Max Compact panels are made from natural fiber – around approximately 65%, by weight – consisting largely of wood that has been processed into “kraft papers”. This wood is a by-product of sawed off lumber production or of sawmills.

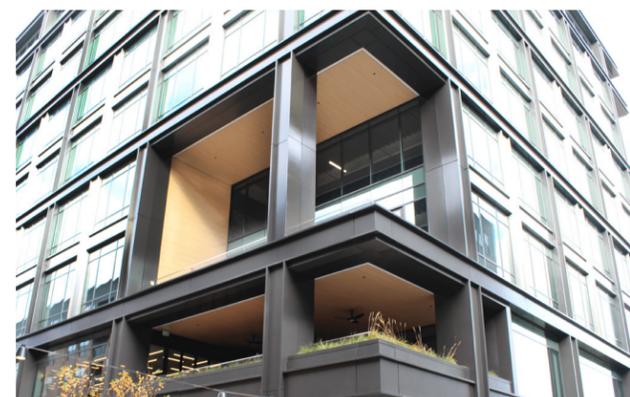
The kraft papers are impregnated with synthetic thermosetting resins in impregnation facilities, dried, and pressed into durable, moisture-resistant panels under high pressure and heat.

These panels **do not** contain organic halogen (or chlorine, fluorine, bromine, etc.) compounds such as those found in greenhouse gases or PVC, and are **free of** asbestos, wood protection agents (fungicides, pesticides, etc.), sulphur, mercury and cadmium.

In addition, our phenol and melamine blends **do not** contain urea-formaldehyde.



D.C. Bilingual Public Charter School | Washington, D.C.



Smoky Hollow Office Building | Raleigh, NC

SUSTAINABILITY COMPARISON CHART

Fundermax ENGINEERED FOR HIGH TRAFFIC	Max Exterior Max Authentic	Max Interior Max Interior Plus Max Resistance	Max Interior F Quality Max Interior Plus F Quality
FSC Certified*	✓		✓
EPD	✓	✓	✓
HPD	✓	✓	✓
Greenguard		✓	✓
Greenguard Gold		✓	✓
ISO9001	✓		✓
ISO14001	✓	✓	✓
ISO45001		✓	✓
ISO50001	✓	✓	✓
No Added Urea Formaldehyde	✓	✓	✓
100% Recycled Paper Core**		✓	

* = 65% Kraft Paper by Weight ** = 65% of Panel

* FIND DETAILED INFORMATION AT WWW.FUNDERMAX.US
OR CONTACT US FOR A COPY OF OUR CERTIFICATIONS

ABOUT FUNDERMAX

Get to Know Fundermax

Fundermax is a privately owned industrial enterprise. Founded in 1890 by Karl Funder, we are constantly innovating to meet evolving market demands, while being committed to sustainability. That's why, for more than 130 years, we have specialized in processing renewable raw materials.

Throughout all Fundermax operations, we are dedicated to creating and implementing measures to continuously reduce environmental pollution and increase energy efficiency. We aim to be responsible and minimize effects on people and the environment through ongoing improvements, sustainable investment, consistent monitoring, and cleaner processes.

We also pride ourselves on our well-researched and thought-out wood-based materials and compact laminates. Because of our superior quality and code compliance, our exterior, interior and laboratory panels are used worldwide. Our panels are built with patented, highly durable surfaces that carry high levels of fire and graffiti resistance and hold up to extreme weather conditions.

Why Fundermax? Three words: reliability, innovation, and sustainability. These are the driving forces at Fundermax. It is a companywide passion.

Fundermax is a top-of-class combination of production capabilities, service levels, product improvement, and research and development. Our highly competent and creative team sets high standards for its work, both internally and with our customers. Our team is enthusiastic about the contributions our work makes at the intersection of ideas, materials, form, sustainability and function.

PRODUCTS

Max Compact Exterior

Authentic Natural Panels

Max Compact Interior

Max Compact Interior Plus

Max Resistance²

EXTERIOR

Exterior Architectural Panels Max Compact Exterior

Max Compact Exterior panels are a high-quality product engineered for long-lasting, drained and back ventilated facade cladding.

Max Compact 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 Intertek CORR Report #0527 can be found at <https://specdirect.intertek.com/controls/SDDocumentViewer.aspx?ccrr=CCRR-0527>

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 acrylic surface
- Available in a wide range of colors
- Four innovative surface textures
- Five large panel sizes up to 161"x73"
- High flatness and flexural strength
- Extreme temperature resistance: -112°F to +356°F
- Warranted for vertical and horizontal applications
- Class A fire rated
- Intertek CCRR Report #0527
- NFPA285 Compliant Assemblies Available
- Quick shipment of select colors from North American stock

APPLICATIONS

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

The Strong National Museum of Play | Rochester, NY



Mainstreet Shopping Center | Boynton Beach, FL

Natural Panels Authentic

Durable panels that offer a genuine, authentic, natural look that confers to the building.

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 have almost all the advantages of the Max Compact Exterior panels and can be used for numerous types of applications, ranging from rainscreen facades to balcony flooring.

The Lofts of La Baume | La Valette-du-Var, France



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 acrylic surface
- High flatness and flexural strength
- Extreme temperature resistance: -112°F to +356°F
- Warranted for vertical and horizontal applications
- Class A fire rated
- Intertek CCRR Report #0527

APPLICATIONS

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



MUK Mixed-Use Building | Saalfelden, Austria

EXTERIOR

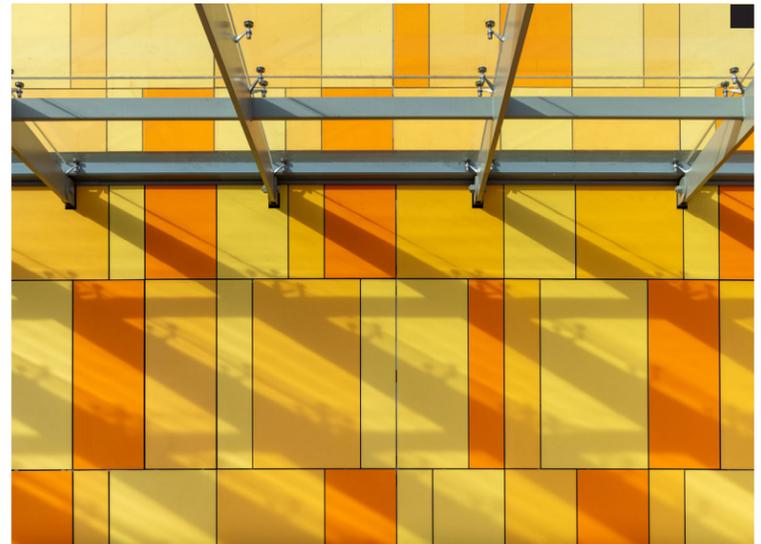
Fastening Systems

An innovative fixing system with 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 120+ decors and four textures.



National Guard Readiness Center | Luverne, MN

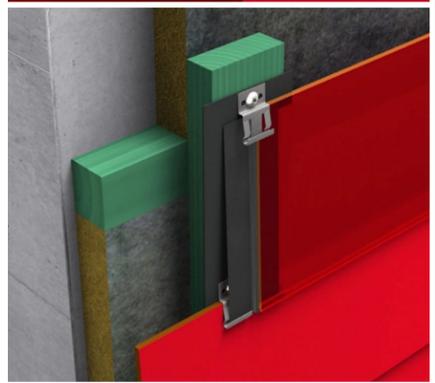


Wheaton Library & Recreation Center | Claverton, MD



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.

[READ MORE](#)



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.

[READ MORE](#)

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

LABORATORY

Lab Work Surfaces Max Resistance²

In laboratory and scientific furniture applications, durability is necessary. When absolute cleanliness, durability, and extreme resistance are essential, Max Resistance² is your product of choice.

Max Resistance² is a duromer high-pressure, phenolic, compact laminate (HPL). The layers of 100% recycled core kraft paper impregnated with phenolic resin coupled with its scientifically developed, double-cured polyurethane and integrated surface technology ensures 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 moisture, heat, wear and scratch resistant. Max Resistance² will significantly extend the life cycle of your laboratory work surface.

ADVANTAGES

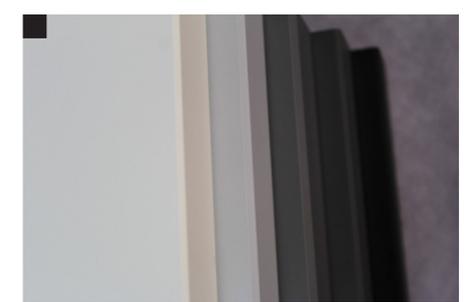
- Excellent mechanical and physical properties
- Superior chemical resistance (surpasses SEFA 3 and SEFA 8)
- Abrasion & scratch resistance
- Resistant to heat and thermal shock
- Non-porous – easy to disinfect & clean
- Sustainable
- Easy to fabricate & install
- Antistatic
- Impact resistance
- Lightweight, yet durable
- Available in thicknesses from 1/4 – 1"
- Color fast – with a range of color options
- Five core color options – including black core and [color through core](#)
- ESD-compliant

Atrium Health's Cannon Pediatrics Translational Research Lab | Charlotte, NC



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.



INTERIOR

Interior Architectural Panels Max Compact Interior

Max Compact Interior panels are engineered for high-traffic spaces. These high-pressure laminates are 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 North American stock

[READ MORE](#)

APPLICATIONS

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

10
year
WARRANTY

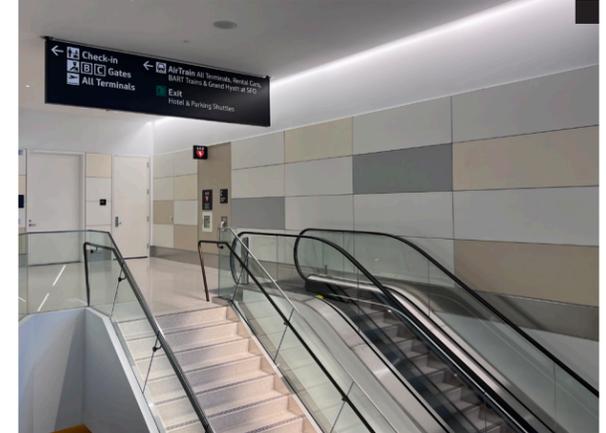
Chicago O'Hare Airport, Terminal 5 | Chicago, IL



MH 43 Office Building | Vienna, Austria



San Francisco International Airport | San Francisco, CA



Made with FSC-certified natural Kraft paper core. These durable panels pair beautifully with our 80+ woodgrain decors.

BROWN CORE

[Learn more here](#)

Vertical Lab-Grade Surfaces Max Compact Interior Plus

Demanding designs require the very best. Max Compact Interior Plus (IP) panels were created for demanding applications such as laboratories, interior wall cladding, wet rooms, hospitals, hallways, nursing homes, etc. They have a double hardened, pore-free, sealed urethane acrylate layer.

ADVANTAGES

- 100% recycled core paper
- Color fast
- Non-porous
- Easy to clean
- Easy to install
- Code compliant
- Graffiti-resistant
- Impact-resistant
- Solvent-resistant
- Scratch-resistant
- Double hardened
- Moisture-resistant
- Double-sided balanced panel
- Does not support micro-organic growth

[READ MORE](#)

APPLICATIONS

Laboratory workspaces, hospitals, nursing homes, wall lining, public bathrooms, wet areas (ex. saunas), partitions for offices and restrooms, column cladding, railing infill panels, furniture, school and university buildings, airports, train stations, restaurants, high-traffic hallways, and elevators.

CVŘ Research Center | Czech Republic



Gym at the MHP Offices | Kyiv, Ukraine



Wilhelminenspital Medical Institute | Vienna, Austria

INDIVIDUALDECOR

Digitally Printed Panels

These digitally printed panels allow for customized designs at any scale. They are available for exterior, interior, and laboratory applications, making the design options endless.

With all the features and benefits of Max Compact panels, 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. Unleash your imagination with Individualdecor.



ADVANTAGES

- 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
- Option for a double-sided design
- Impact resistant to EN ISO 178
- Strongest warranty in the industry
- Double hardened acrylic surface
- High flatness and flexural strength
- Extreme temperature resistance: -112F to +356F
- Warranted for vertical and horizontal applications
- Class A fire rated
- Intertek CCRR Report #0527

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



NORTH AMERICAN STOCK PROGRAM

These exterior, interior, and laboratory decors are part of our North American stock program. We have stock readily available in the United States, which can decrease lead time. Learn more and order samples of these decors on our website (fundermax.us/request-a-sample).

MAX COMPACT EXTERIOR F-QUALITY

Surface NT, double-sided decor
Thickness 5/16"
Panel Sizes GR (110-1/4" x 51-3/16") and XL (161-3/8" x 73")
 * 0794 is stocked in XL only

Applications
Rainscreen facades, soffits, sunshades, balconies, and various other applications

Code Compliance
ASTM E84 Class A, NFPA285 compliant assemblies available. Intertek Code Compliant.

Learn more about **FASTMAX** by clicking [HERE](#)



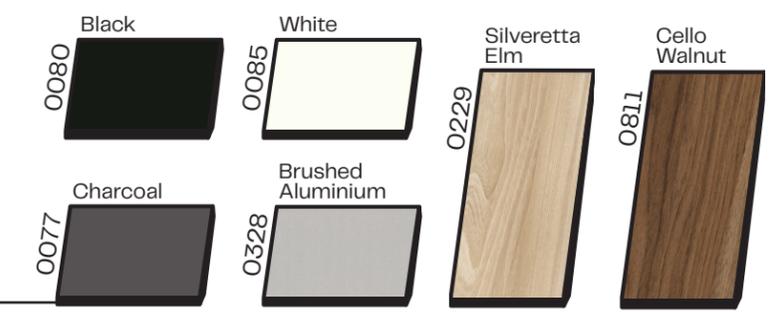
MAX COMPACT INTERIOR

Surface FH, double sided decor
Code Compliance ASTM E84 Class A
Panel Sizes OF (144-1/2" x 64-3/16") and XL/2 (80-11/16" x 73")

Thickness 3/4", 1/2", 3/8"

Applications
Wall lining, partition, furniture, and other interior applications

Decor	Availability: Size & Thickness			
	OF 3/8"	OF 1/2"	OF 3/4"	XL/2 1/2"
0080		■	■	
0085	■			
0328		■	■	■
0077	■	■	■	■
0229	■	■	■	■
0811		■	■	■

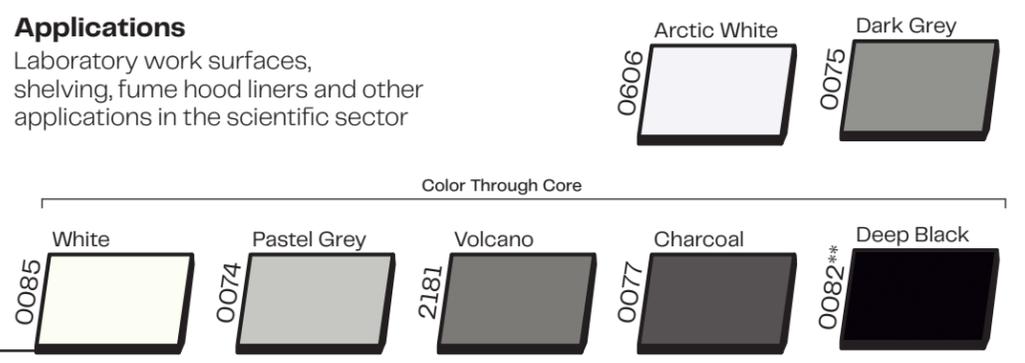


MAX RESISTANCE²

Surface RE, double-sided decor
Thickness 1", 3/4", 1/2", and 1/4"
Panel Sizes OF (144-3/32" x 64-3/16") and SP (110-1/4" x 73")**
 ** Only available in 0082 in 1" or 3/4" thickness

Code Compliance
ASTM E84 Class A, SEFA3, SEFA8

Applications
Laboratory work surfaces, shelving, fume hood liners and other applications in the scientific sector





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