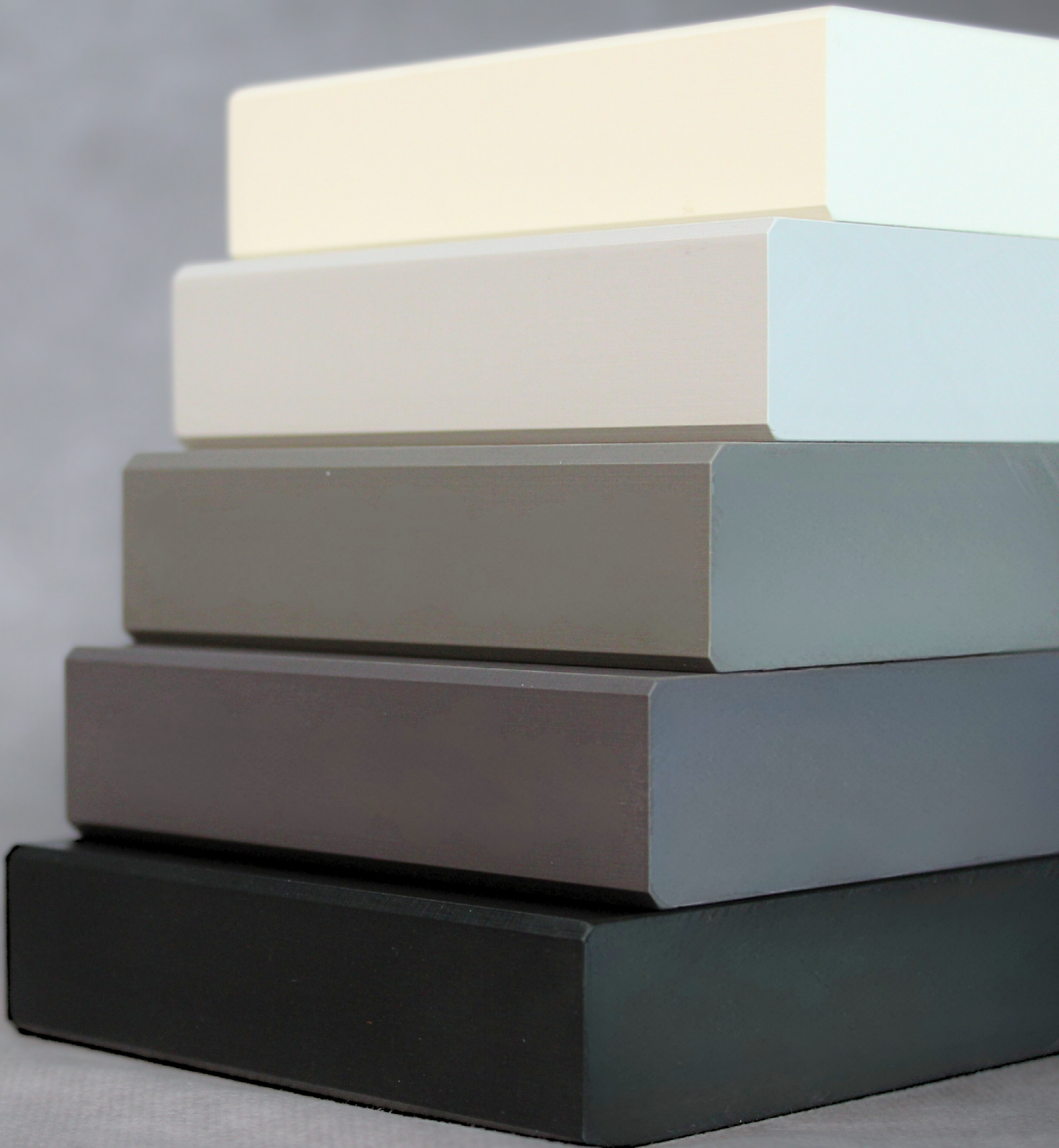


Color Through Core and Black Core Max Resistance

North America | Released July 2025

Fundermax
Laboratory Work Surfaces
Supplied & Fabricated by:
Total Laboratory Solutions
ph: 480-488-6421
www.MaxPhenolic.com

Fundermax



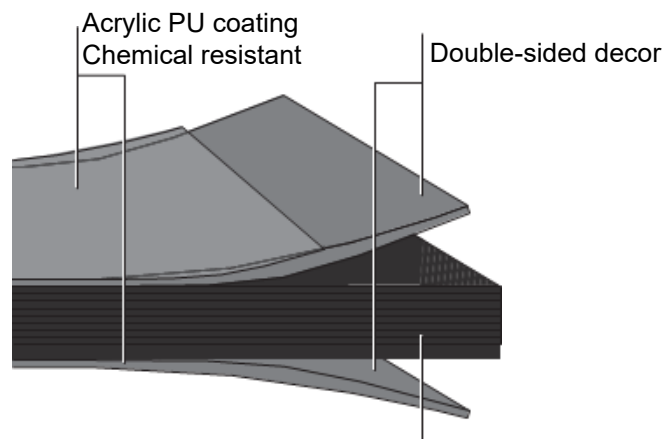
MAX RESISTANCE

Max Resistance is a duromer high pressure laminate (HPL), produced in laminate presses, under high pressure at high temperature, in accordance with EN 438-4, type CGS.

Due to its scientifically developed, double-cured polyurethane acrylic coating, Max Resistance2 stands up to the toughest tests – unaffected by solvents, most acids and the harshest chemicals.

Easy to clean, easy to disinfect and at the same time wear and scratch resistant, this innovative material significantly extends the life cycle of your laboratory work surface.

MAX RESISTANCE STRUCTURE



Black core - White core -
Color-Through-Core / CTC



Lab Work Surfaces | Max Resistance

Max Resistance² sets a new standard and considerably increases the life cycle of your laboratory work surface. It offers a significantly higher resistance to scratching, impact and abrasion, as well as aggressive acids, and has excellent mechanical and physical properties.

It's easy to design your perfect work surface with our various options, made 'For You to Create!'

1

Select your Color-Through-Core CTC color

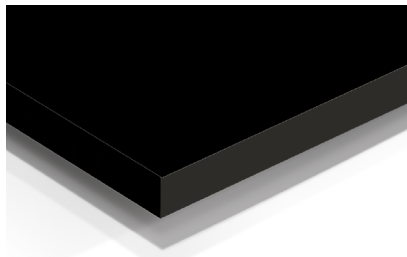
2

Select your surface decor

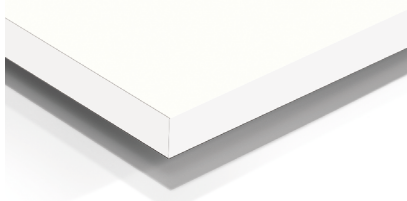
3

Enjoy your beautiful, durable, and sustainable new work surface!

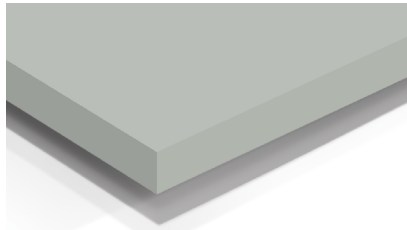
Color-Through-Core CTC Colors



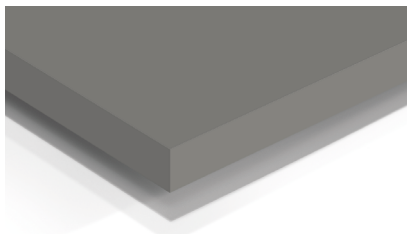
0082 Deep Black with Color-Through-Core / CTC



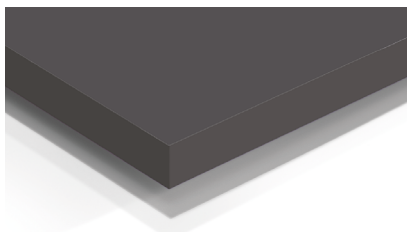
0085 White with Color-Through-Core / CTC



0074 Pastel Grey with Color-Through-Core / CTC



2181 Volcano Grey with Color-Through-Core / CTC



0077 Charcoal with Color-Through-Core / CTC

Surface Decor Colors with Black Edge / Core



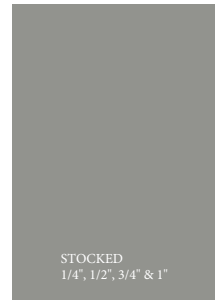
0082 Deep Black



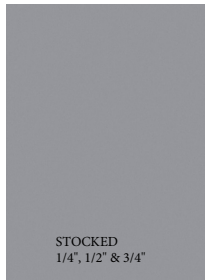
0077 Charcoal



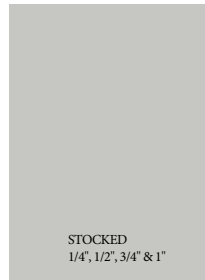
2181 Volcano Grey



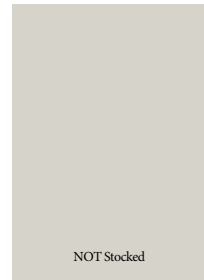
0075 Dark Grey



0753 Cool Grey Medium



0074 Pastel Grey



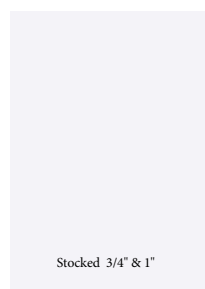
0741 Birch Grey



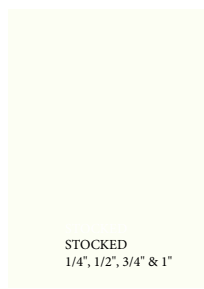
0559 Punto Pastel Grey



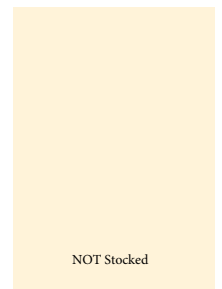
0558 White Punto



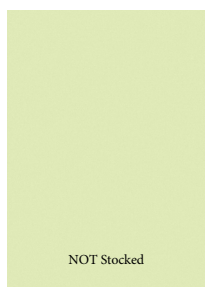
0606 Arctic White



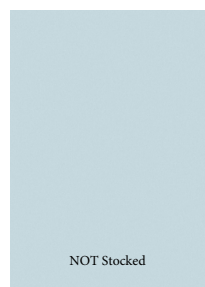
0085 White



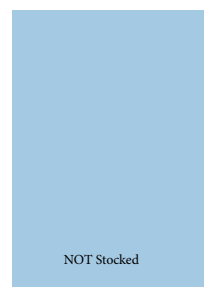
0851 Winter White



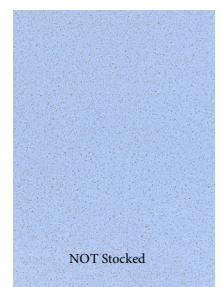
0592 Kiwi Green



0706 Glacier Blue



0718 Arctic



3361 Arctic Punto

Color variations from the original decors are caused by the technical limitations of the printing process. Please request an original sample.

SUSTAINABLE PRODUCTION

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

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.

Max Compact panels are made from natural fiber — approx. 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 / cured, and compressed into durable, moisture resistant panels under high heat and pressure.

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.

SUSTAINABILITY COMPARISON CHART

	Max Exterior Max Authentic	Max Interior Max Interior Plus Max Resistance ²	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

The Best in its Class

Max Resistance² combines the very best intrinsic qualities: extreme resistance to the most aggressive chemicals, inherent strength, long lasting durability, and an easy-to-clean surface. What's more, it opens up new design possibilities.

Permanently resistant:

Max Resistance² is extremely resistant to chemical and physical abuse – thanks to Fundermax's patented technology. Created from tested and certified raw materials, compressed at high temperatures under intense pressure, the end result is an homogenous, decorative and extremely resistant panel. As it is completely uniform and joint free, it's also permanently resistant to moisture.

Applications:

In addition to laboratory work surfaces and counter tops, applications to consider include, but are not limited to: reagent shelving, splash guards, window sills, fume hood liner panels, pegboards/drying racks, compatibility with Epoxy, Polyethylene and Stainless Sinks, Clean room applications, casework bodies, doors and drawer panels – The Applications are endless, limited only by your imagination.



Moisture Resistant



Food Grade Safe
NSF/ANSI 51



Perfectly
disinfectable



Double Sided /
Good two sides



Resistant to
Thermal-shock /
Dry Ice compatible



Easy to Clean



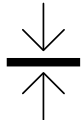
Ease of Installation
and back fastening



Excellent
machinability



Heat resistant up
to 180°C/360°F



Durable



Excellent chemical
resistance



Anti-Static /
Static Dissipative



Scratch & Abrasion
Resistant



Impact Resistance

From furniture and facades to interior design, Fundermax is at the interface of ideas and materials. Today the company – which has a proud history spanning 130 years – stands as a global market leader and producer of high quality materials using wood and laminates. Our lasting success has been based on high quality, imaginative design, diversity and sustainable production. Our products exude a love for the natural resources of wood, creativity and inventiveness.

Fundermax Laboratory Work Surfaces for extreme demands:

With excellent physical properties, coupled with its ability to resist both harsh chemicals and acids that are used on open benches across all industry sectors, including, but not limited to, laboratories within: Colleges & Universities; Pharma and Biotech; Government; K-12; Clinical Research and Diagnostic; Contract Research and Contract Manufacturing Organizations (CRO & CMO); Hospitals; waste water treatment plants, as well as other sectors, such as the petrochemical & food industries.

Compatible Epoxy or Polyethylene sink colors available to most phenolic colors offered.

Max Resistance² – Patented surface technology

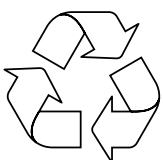
Max Resistance² offers a 25% higher impact and scratch resistance, and a 3 times higher abrasion resistance, when compared to EBC or Melamine Surfaces.

10 year warranty

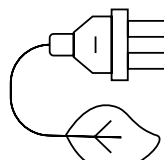
Because of its superior performance, Max Resistance² comes with a 10 year extended warranty. Stocked and fabricated in the USA.

Recycled Materials

100% of the Kraft paper used in Max Resistance² panels is made from post-consumer recycled content.



100% of the raw material is recycled cardboard
from Fundermax production facilities
100% of production waste is recycled into paper



100% of the electricity is hydroelectric
100% of transport to our production sites
is by train or boat

Applications for Solid Phenolic Laboratory Grade FunderMax(™) Countertops / Shelving / Pegboards / Window Sills / Fume Hoods / Casework

- High Schools, Middle Schools, K-12
- Colleges, University, Charter Schools
- Science labs, i.e. Chemistry, Biology, Physics, STEM & STEAM labs
- Biotechnology & Life Sciences
- National Institute of Health (NIH)
- National Institute of Education and Technology (NIET)
- National Institute of Standards and Technology (NIST)
- Nanotechnology, Microchip Manufacturing
- Hospitals, Dental & Medical Clinics, Healthcare
- Clean rooms
- Robotics Facilities, Instrumentation
- Chemicals & Reagents Testing
- Waste Water Treatment Plants (WWTP), Power Plants
- Chemical Engineering
- Drug Discovery & Development
- Nuclear Energy & Environment
- Food & Beverage Testing & Diagnostics
- Forensics & Security
- Pharmaceutical (Pharma)
- Material, Measurement & Testing
- Oil & Gas, Petrochemicals





Max Resistance²

Black core available in 6-25mm (1/4" to 1" thickness)
 Color-through-core is available in 13-25mm (1/2" to 1" thickness)

Sheets sizes available are:

SP	2800 x 1854 mm	6 13 16 19 20 25 mm
	110-1/4 x 73"	1/4 1/2 5/8 3/4 1 in
XL	4100 x 1854 mm	6 13 16 19 20 mm
	161-3/8 x 73"	1/4 1/2 5/8 3/4 in
**OF	3670 x 1630 mm	6 13 *16 19 20 25 mm
	144 3/32 x 64 1/2"	1/4 1/2 *5/8 3/4 1 in

Note: 16mm ~ 5/8" not stocked in USA
 Factory Order

	SP	OF	XL
	2800 mm 110 1/4 in	3670 mm 144 3/32 in	4100 mm 161 3/8 in
	1854 mm 73 in	1630 mm 64.5 in	1854 mm 73 in
		**Industry Standard	



:: Fundermax

Supplied & Fabricated by:
 Total Laboratory Solutions
 Scottsdale, AZ 85266
 PH: 480-488-6421

Stocking locations across USA
 Also available in Unfabricated Slabs

