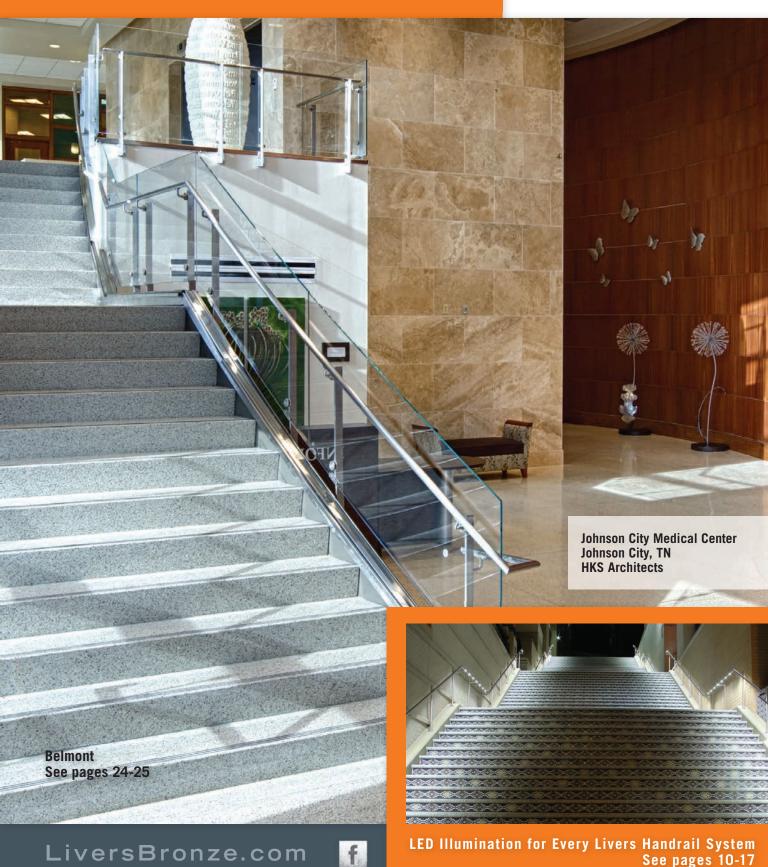
Distinctive Railing Systems For More Than 70 Years







A History of Innovation

From our first days as a foundry in 1946 to today, our family has constantly looked for new ways to bring innovation and value to our customers. New ideas and new solutions emanate from our Midwestern headquarters every day.

Long ago we embraced an inventive spirit with a passion for extraordinary design. But design by itself was not enough. Our commitment has always been to match function with beauty. Our products never forsake sound engineering and manufacturing principles.

Cost, function, design and installation are equal partners in a Livers Bronze designed and manufactured railing system. Since 1946 our reputation of quality and innovation has been our most precious asset. We invite you to join the Livers family of customers and partners.



Product Options

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MATRIX

BLOK

STRUCT-U-RAIL

SINGULAR

ILLUME: LINEAR















ILLUME: 360

ILLUME: PUCK

FONTANA

MIRAGE

PANEL

BELMONT















AMERICAN

PLANK

EMPIRE



20/20







To Mix or Not To Mix Metals

NEW Matrix

That is the question. The Matrix handrailing system is inspired by the appeal of mixed metal jewelry. Multiple finishes are available and interchangeable, allowing for a completely customized look. Finish options include blackened steel, polished aluminum, satin and polished stainless steel, and antique, satin or polished bronze. Intermix them or not to achieve the perfect complement to any motif or design.

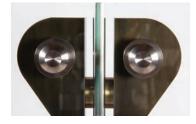
Matrix's clean design makes it uniquely flexible. It places the mix of metals and choice of infill panels in the spotlight, which is valuable for architects who lean toward putting their exclusive stamp on the overall look.

The system's distinctive glass support buttons handle \(^3\)e" or \(^1\)2" tempered or laminated glass panels. Post mounting options are many and, like all Livers handrailings, Matrix is a solid, pre-engineered system that will endure a lifetime.











Not Just Another Pretty Face

Our passion for extraordinary design is only matched by our commitment to building products that are engineered to perfection. When you work with Livers Bronze there is no guesswork to the process. Pieces and parts fit together in perfect form and function for years, without worry.





The Illusion of Floating Glass

Blok

Created to allow for maximum adjustability for field tolerances, the pioneering Blok system gives the floating glass illusion desired in glass railing design. The point supported structural glass system uses high strength machined steel Bloks to support $\frac{1}{2}$ " tempered or laminated glass balustrade panels.

- Blok is available in powder coat, stainless steel, bronze, perforated metal and wood finish covers
- Three mounting style options, each individually tested for performance compliance
- Mounting blocks are field welded to embeds at time of field measuring

Achieve stunning results with lower material cost, reduced installation time and multiple finish opportunities.



Glass Panels

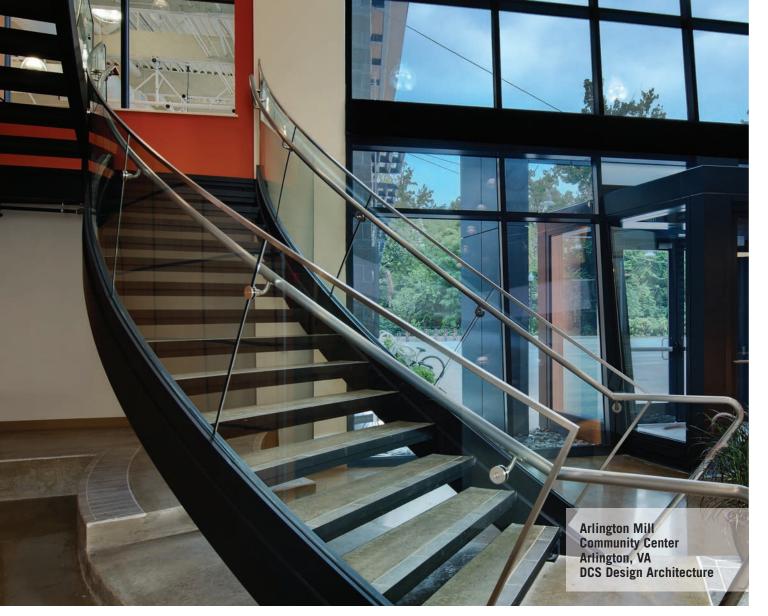


"Floating" Glass Design



Stainless Steel Rail





Struct-U-Rail

The versatile Struct-U-Rail system is the industry's premier glass supported railing. Simple elegance combines with high-performance functionality to create a visually appealing stair or balcony system. A continuous 2½" x 4" tall aluminum base profile, field glazed in ½" or ¾" tempered or laminated glass panels, features optional side-mounted railings incorporating standard brackets and inserts.

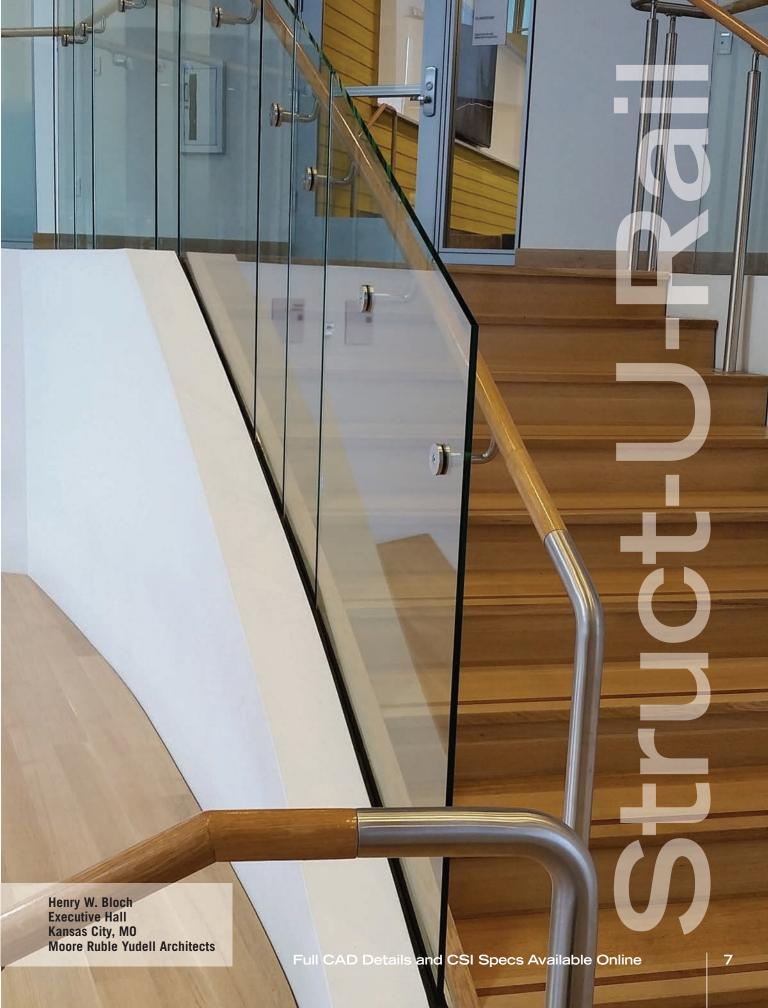
- Top cap railings offered in aluminum, stainless steel, bronze and selected hardwoods
- Formed metal trim available in all metals and finishes

The complete system is detailed and factory fabricated for precise fit and finish.



Smoke Baffle

smoke baffle (draft curtain) system. Lightweight assembly and no glass pre-bonding allows for maximum installation flexibility.



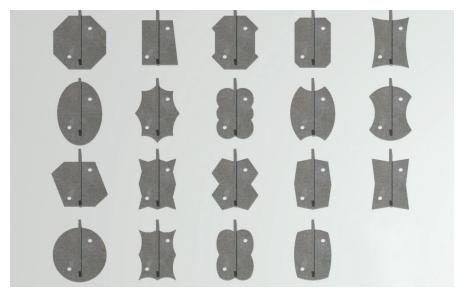








Seven distinctive post shape options.



Nineteen post mounting plates to choose from.

NEW Singular

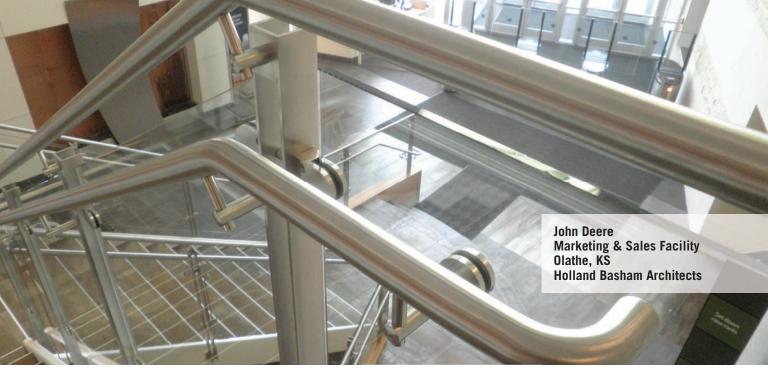
One Singular sensation rises from multiple options. Singular handrails are the epitome of freedom of expression with seven distinctive post shapes and 19 side mounted post mounting plates from which to choose. Your imagination has to start somewhere...

So let's begin with choosing between stainless steel and colorful powder-coated steel posts. Next comes the post design with seven options ranging from sleek to crisp curvatures and sharp cuts and bold lines. The posts are thin as to draw the eye to the shape.

Finish your Singular handrail sensation with one of our 19 side mounted post mounting plates that can accentuate the post design or create a visual juxtaposition. Ultimately, though functional, the infill panels act as a frame for the Singular's posts and mounting plates.

Every Singular sensation deserves to be in the spotlight. Our Illume LED lighting is an option, like on all Livers Bronze railing systems. LED fixtures can be recessed into the Singular's rail for refined illumination and public safety.







Symbol of Craftsmanship

Icon

The Icon system, with its double bar post design, is a flexible solution for creative designs and finishes. The vertical posts are available in stainless steel or powder-coated steel. This system exudes European style, but is American made to meet the demanding U.S. code. Icon's versatility allows it to be furnished with either tempered or laminated glass infills or stainless steel framed panels with a variety of mesh or perforated metal options. The infills are complemented by stainless steel clamps, angle attachments or our adjustable stainless steel "Rod and Pistons" to hold them in place.

- Final rail finishes include powder coat, satin or polished stainless steel, or bronze and wood elements
- Pre-engineered railing system meets loading and performance standards
- Livers Bronze creates and assembles the entire system to deliver a complete product



Stainless Steel Clamp

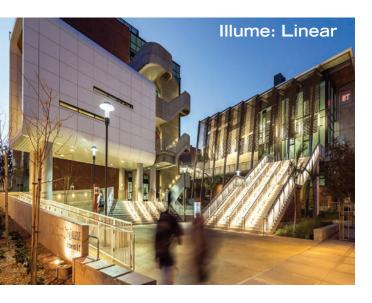


Stainless Steel Rod & Piston



Woven Stainless Wire Mesh









Illume Brings LED Illumination to Every Livers Bronze Handrailing System

Illume

LED illumination is growing exponentially in popularity thanks to its knack for highlighting any architectural style. Livers Bronze is incorporating the energy efficient technology, which we call Illume, as an option attached to any of our handrailing systems.

Illume's LED lighting isn't an afterthought that requires extra and unsightly wiring or adhering a glue strip onto handrails. Our LED fixtures can be fully integrated into our handrailing design and recessed into the rail for a clean and remarkable appearance. Illume makes an especially gorgeous reflection when used above any glass railing.

Beyond the aesthetic appeal, Illume provides important safety factors. Brains and beauty in one. Livers Bronze LED rail lighting shines brightly on any walking surface, yet gives off a subtle glow that isn't intrusive like harsher lighting is. Plus, Illume can eliminate the need for auxiliary lights because LEDs can be placed exactly where they should be for public safety purposes.

Three options – Linear, 360 and Puck – give you the ability to shine LED lighting in just about every angle, and type of beam imaginable in any outdoor or indoor environment.





Linear

The Straightest Line from Form and Function to Breathtaking

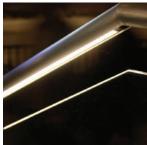
Illume: Linear

Architects are "lining up" for Illume Linear. Linear is an LED lighting system that is all the rage with a tendency to add reserved flair to any architectural style or structure feature. Livers Bronze is incorporating this energy efficient technology as an option with any Livers railing system.

Linear LEDs aren't like others. They do not require extra wiring or adhering to a glue strip, so they blend perfectly into the many railing designs available. Linear LED lighting is fully integrated into any handrailing system and recessed into the rail. And when they're installed with glass railing, the result is truly remarkable.

In addition to Linear's aesthetic appeal, there are the safety factors. Gorgeous and smart. Linear LED rail lighting reflects brightly on any walking surface with a subtle glow that doesn't detract from the handrailing's beauty or design like harsher lighting does. With Linear, you can eliminate the need for auxiliary lighting because LEDs can be placed exactly where they should be positioned for public safety purposes.





Available in 1-1/2 "Square or Round Stainless Steel





360

Wrap Your Mind Around 360

NEW Illume: 360

Is 360 a design element? Is it a focal point? Or is it a functional railing component?

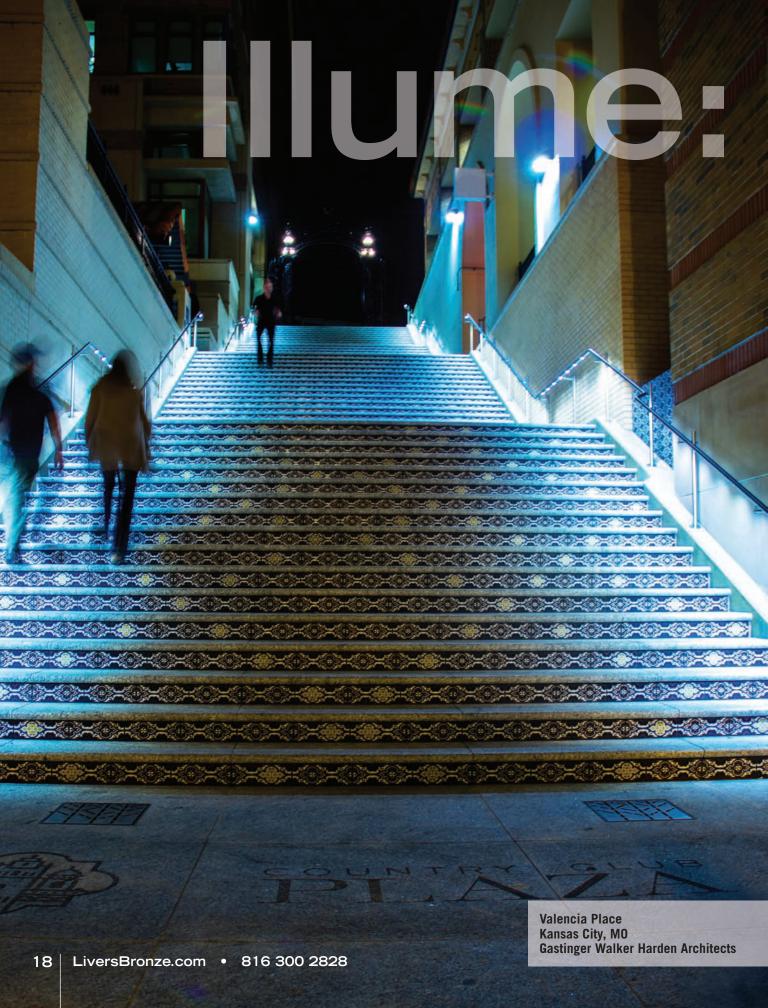
360 can be one or all of the above. One thing is for sure. 360 puts handrail illumination in a new light. 360 is a stainless steel wire wrapped, open grid handrail design emitting 360 degrees of LED illumination.

360's subtle LED glow serves as a cozy, contemporary rail aesthetic. It can guide the way. It can turn an ordinary handrail extraordinary. What it can't do is be ignored.

360 illumination is a designforward concept fit for all Livers railing systems, and can be wall or floor mounted.







Puck



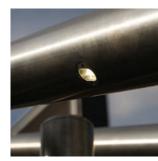
Ready, Willing and Able to Meet Your Specifications

NEW Illume: Puck

Puck is designed with architectural integration in mind. The discreet "minipucks" come in your choice of beam angles, and are easily installed in a variety of shapes, surfaces and materials to create the perfect lighting effect for your project. Puck LED lights are also vandal resistant, making them an ideal choice for public area installations.

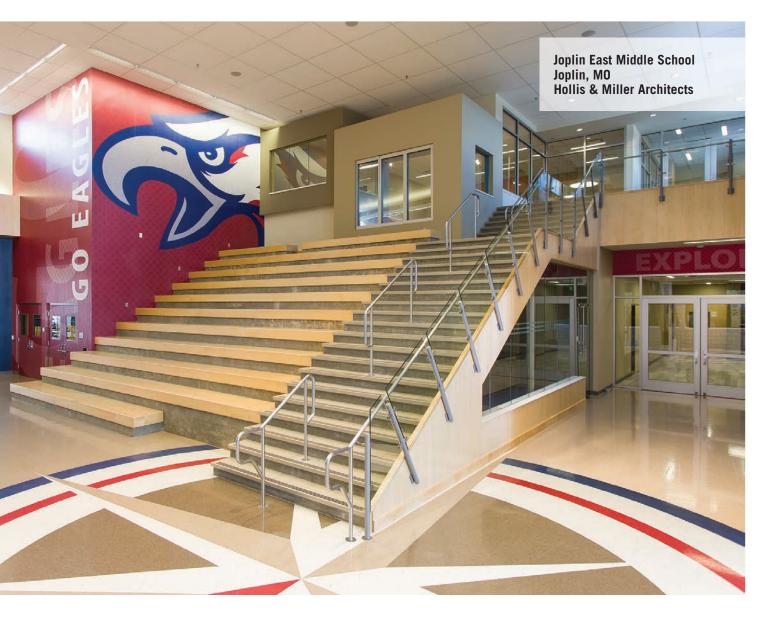
Like all of our Illume products, Puck fits all Livers Bronze railing systems, or let us help you specify a custom combination. Many railing shapes can incorporate Puck lighting, from round to oval, and in all materials.







Cutting-Edge Elegance that Suits Your Unique Design



Fontana

A cost-effective metal railing system that looks, and performs, like the best. Fontana makes a statement with a distinctive exposed glass top edge. The $^3\!/\!\!\!\!\!/8$ " tempered or laminated glass panels stand at 42" high without a top rail, while the system utilizes a 34" high, continuous, $1\frac{1}{2}$ " O.D. assist rail bracketed off the post.

- Allows for unexpected stair rail design with perpendicular posts (curved stairways require vertical posts)
- Posts can be either top or side mounted





A Vision of Elegant, Practical Design

Mirage

The versatility and adaptability of the Mirage railing system is no trick of the eye. We start with a heavy wall stainless steel tube post with internal steel mounting stubs for strength and durability in core drilled, top or side mounted applications. Solid fittings machined from stainless steel are shop assembled to the posts for each unique condition. Infill options are tempered or laminated glass, horizontal stainless steel cables, 5/8" round stainless steel rods, stainless steel vertical pickets or perforated aluminum panels.

One railing system with many options, carefully packaged in recycled materials shipped to your project. Perfection.

- Choose from three finishes: standard stainless steel, bronze or powder coated steel
- Perforated metal panels available in multiple colors











Cable Infill



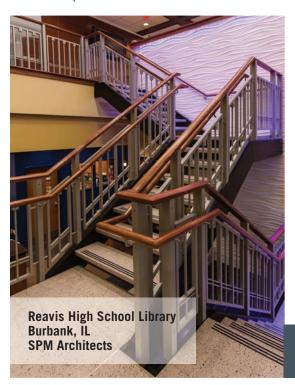
Picket Infill



Panel

Complete any project – from traditional to contemporary – with the wide variety of decorative infill panel styles in the original Panel Rail system. Mix and match panel styles and colors for an endless combination of visual fascination. All panels are pre-designed 30" square modules for level applications, with half and custom-size panels available for project flexibility. The aluminum system is furnished in a powder-coated finish and is available with all options necessary to complete installation.

- Choose from a selection of cap rail materials and shapes
- Standard aluminum post measures 2" x 3"
- Multiple color options for the post and panel





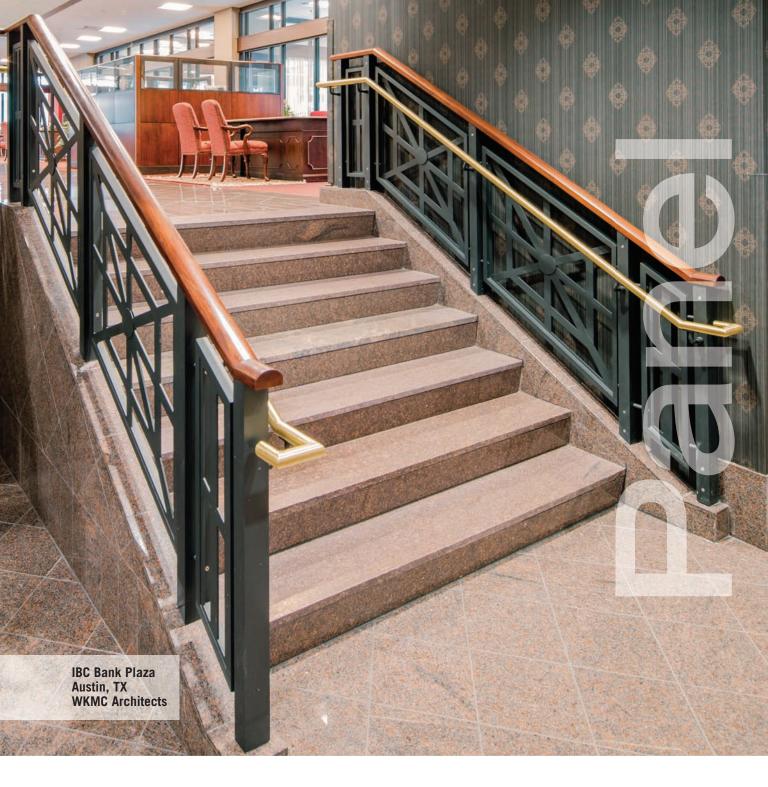


Fabricated and Water-Cut Styles Available

Committed to Responsible Railings

What are railings made of? At Livers Bronze, we use sustainable, recyclable materials in our systems, promoting a lean and **GREEN** impact. Plus, unlike many other railings that are imported from Asia, we manufacture our own systems in the U.S.A., reducing the environmental footprint associated with overseas logistics.







Multiple Panel designs available. Go to LiversBronze.com for more.



Belmont

Cold rolled steel bar posts with powder coat finish make the Belmont an economical choice with the look and feel of fine design. The top rail and $\frac{3}{8}$ " tempered or laminated glass panels mount to the post with machined stainless steel and aluminium fittings. Top and assist rails are available in $1\frac{1}{2}$ " diameter tubing with a nice selection of finishes.

- Bent glass panels accommodate radius railings
- 20 standard powder coat finish colors





Powder Coated Post



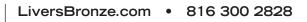
Optional Stainless Steel Post



Tempered or Laminated Glass Infills









American Design Ingenuity at its Best

NEW American

Strong. Bold. Distinctive. All describe Livers Bronze and our nation's heritage of design ingenuity, as well as it does our American handrail system. Strong glass panels. Bold large-diameter mounting hubs. Together, the two unite to create our distinctive American handrail system – right here in our Kansas City-based design and manufacturing facility.

American's mounting hubs can be considered the star of the show. Make an even bolder statement with your choice of a variety of metals, which can also be powder-coated with any hue. American handrail systems feature matching hardware that complements the overall design, and laminated glass works well here.

Our Illume or Puck LED lighting options shine on American's design ingenuity. Both can be completely integrated within the Livers Bronze American handrail system. Doing so not only highlights American's strong, bold glass panels and distinctive mounting hubs, but also serves to protect the public. And since it's LED lighting, only the areas you choose are illuminated so as not to distract from the design elements.

Design with Confidence and Ease

Livers Bronze makes your job easier with the innovative systems you want and the design support you need. All of our railing systems offer online access to full **PRODUCT DETAILS AND SPECS**, incorporating building information modeling (BIM) software to save you time and ensure spec precision.





Throw Modern Handrail Designs a Sleek Curve

NEW Empire

Every element of our Empire handrail design is contemporary, at first glance. Then the eye is thrown for a curve. Empire posts feature a cut away curve that lends a unique quality to the handrail as a whole. Multiple color options are offered for the curved post construction.

Distinctive glass brackets deliver support while allowing the posts to appear as though they're floating in air. Combined with the curved post near the brackets, the result is ethereal, yet solid.

Equally substantial in look and feel, Empire handrails embody flexibility when it comes to complementing the area's architectural style. A wide variety of infill panels are at your disposal, which makes Empire handrails an easy choice for integrating into any number of settings.











A Mirror Image of Your Creativity

■ NEW Identic

Why should one side of the handrail system have all the fun? Identic features an uncommon double-bent stainless steel post design that attaches on one side then bends between the panels' opening to the other side. The stainless steel posts solidify the handrail system's overall artistic character.

The Livers Bronze Identic handrail system features colorful, powder-coated mounting hardware, which can mimic just about any color palette your mind can imagine. Along with the powder-coated hardware system, other optional finishes are available. Identic mirrors your creativity in a handrail.

Now, put the spotlight on your handrail with either Livers Bronze Illume Linear or Puck LED lighting options. LED lighting can be fully integrated into the Identic design, beautifully illuminating the 1/2" monolithic or laminated glass panels. Plus LED lighting simultaneously ups the railing's public safety factor without the need for additional harsher and distracting lighting.









Razor Sharp Design at Its Most Versatile Best

NEW Razor

Metal on metal. Brass on metal on wood. Glass on bronze on wood - just to name a few of the possibilities. The combinations of handrail, infill panels and finishes are vast, making our Razor handrailing one of our most versatile systems yet.

Adapt the look to any interior design or make Razor an artistic focal point with a variety of infill panel options, ranging from glass to woven or perforated metal. Choose the handrail material from wood, stainless or bronze. Multiple finishings are available, including polished, satin, antique brass and powder-coated in a variety of colors.

Razor's unique mounting detail, along with a single bar mounting plate, takes your handrails to another architectural dimension. Razor can be combined with Livers Bronze Illume handrails for those who want to put a spotlight, so to speak, on this sharp design for safety or aesthetics.















You Can See Clearly Now

20/20

The ground-breaking 20/20 railing system has perfect vision. The clean look of a glass railing system combines with stylish, low-profile stainless steel supports that can be either side or top mounted to the building structure. Superb strength, coupled with a variety of handrail and bracket combinations, make the 20/20 ideal for a variety of design situations.

 Beautifully finished maintenance-free stainless steel and highly styled buttons support ½" tempered or laminated glass panels







Interval Supports

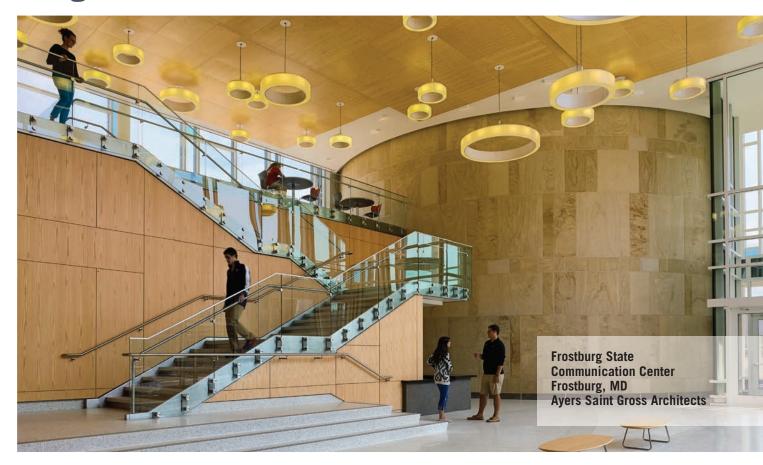
Imagination Gone Wild

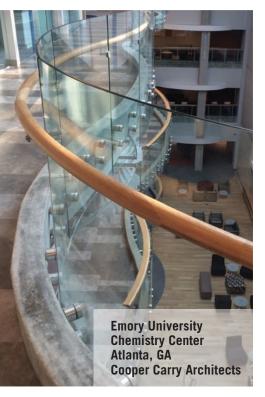
Occasionally we let our imagination run wild. Then we harness that creative energy, and add a good dose of functional logic and environmental stewardship. The results are distinctive railing system designs that are innovative, yet practical.





Elegance Meets Function





Button Rail

Redefine glass railing with the elegance of the Button Rail system. The point-supported structural glass railing system side mounts to a balcony/stair using a steel back plate and stainless steel mounting "buttons" which hold ½" tempered or laminated glass panels in place, giving the appearance of floating glass. The button is adjustable in all directions, allowing for tolerances associated with glass and steel surfaces.

- The back plate can be exposed or concealed by drywall, stone, cover plate or other wall material
- Extensive product testing ensures structural stability, flexibility, quality, and cutting-edge railing design



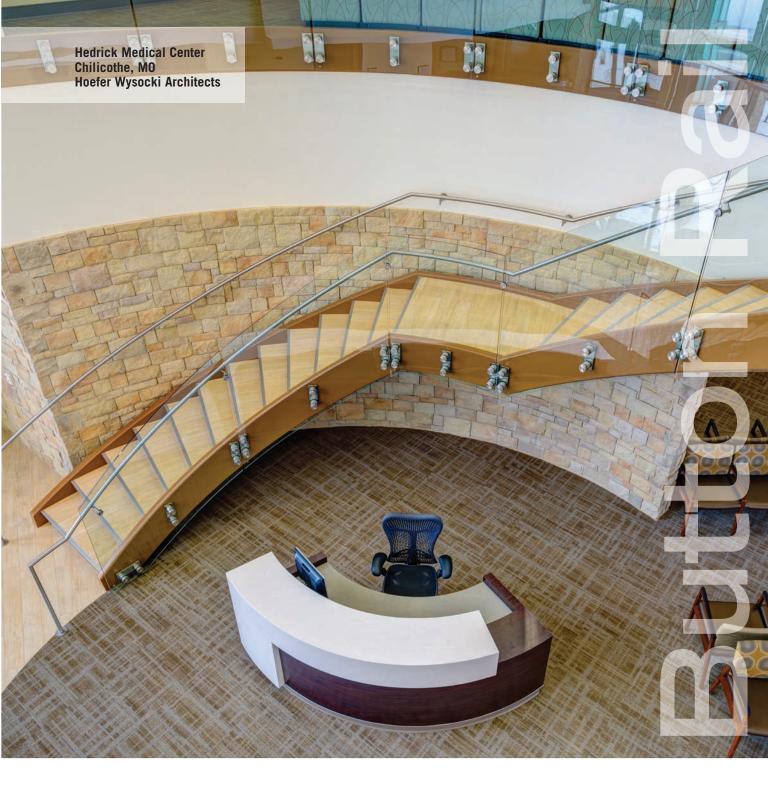
Concealed Mounting



Backplate Mounting



Choice of Backplate Shapes





Brighten Any Design with NEW Illuminated Rail Options

Now you can add innovative illumination options to any of the Livers Bronze rail systems. Long-life, low-powered LED lighting strips enhance and brighten your project. And they last up to 50,000 hours, so you don't have to worry about frequent replacement. See Illume Products for more information.

Delicate Strength Reflected in a Minimalist Design

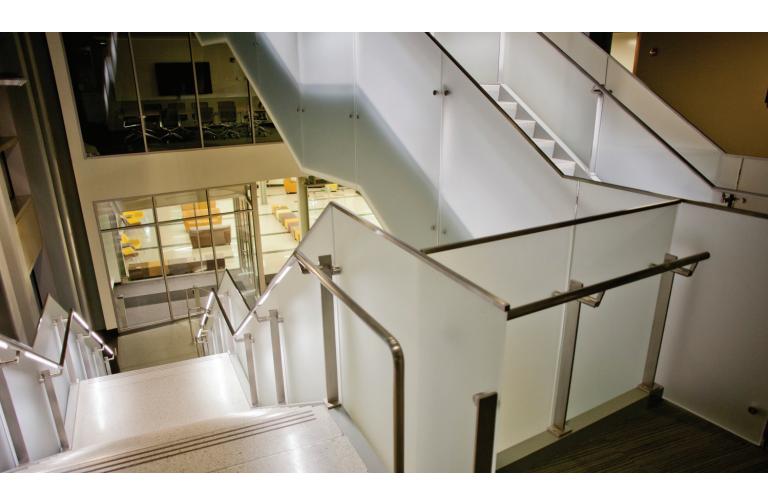
■ NEW Plank

The Plank handrail design is reflective of strength through softness, elegant in form, clean in functionality. Above all, Plank handrails deliver minimalist style that allows the building's architectural context to take precedent.

Plank combines a thin post design with a unique handrail bracket, which is available in stainless and powder-coated steel. Opt for energy efficient LED illumination that can be fully integrated into Plank's design and recessed into the handrail. The result is not only beautiful as it shines down on the "planks" of glass, but also subtle as it lights the way for occupants.

Don't be fooled by the minimalist and simple design elements. Plank handrails are engineered for strength, just like all Livers Bronze designs. The glass "planks" serve as the foundation that gives Plank handrails their enduring might capable of withstanding heavy use.





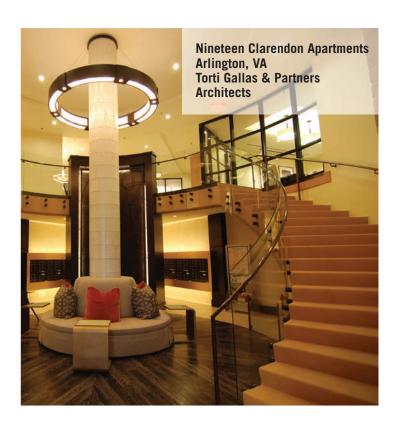


Not Just Anyone Can Manufacture a Bronze Handrail

Bronze

Timeless, and we do mean timeless, materials like bronze are that way for a reason. Dating back to ancient times thousands of years B.C., bronze (copper alloy) has the power to make handrails simply stunning. A bronze handrail is a bold choice. Choosing it takes working with a handrail manufacturer uniquely experienced with the alloy to get it just right. But if it's a statement you're wanting to make, bronze and Livers Bronze will certainly make sure you're heard.

Given bronze's unique, and sometimes confusing characteristics, many manufacturers have simply eliminated the copper alloy from their product offerings. The average property owner and contractor know little about bronze's maintenance and care, leaving many bronze railing features not quite what the architect intended. Designing, manufacturing and finishing bronze railings require specialized knowledge, experience and equipment, the kind Livers Bronze has.













Custom Design Brings Art to Functionality

Custom

With the handrailing designs, materials, features and engineering know-how at Livers Bronze, the bounds of what you design and what can be are virtually limitless. Still, there are projects that require a custom design handrailing to create the "wow" factor. Few manufacturers are willing or able to custom design railing systems from scratch due to the intricate and artistic work involved. Livers Bronze is one of those few.







Architects

An architect's name might not be emblazoned on the building, but the feelings of ownership and pride are just as strong.

Almost every building has its own unique feel and sense of style. It's the architect's job to meld these together in a way that is functional and enduring.

We feel the same way about our handrailing systems. Livers Bronze is one of the last remaining U.S.-based handrailing manufacturers, and we've been in business since 1946. Every aspect of design, manufacturing and testing is performed right here in the Midwest by skilled craftsmen, most of whom have been with Livers for decades. In fact, products designed by the first generation of Livers are still used today in some of the most historic buildings in Kansas City and around the world.

Now the third generation is at the helm of our design and manufacturing operations. There are some things that have changed over the years. Livers Bronze is part of the process for LEED certification. All of our handrailing systems are manufactured with recycled materials. Even the wood we use is FSC certified. We're big believers that green isn't just a color. It's a way of life.

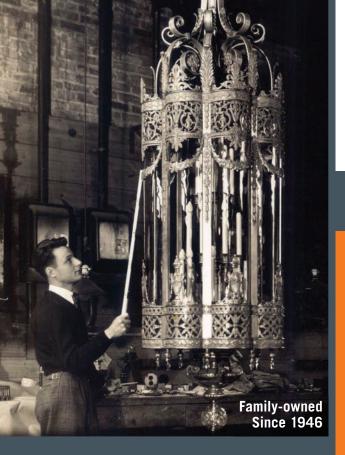
Contractors

Livers Bronze handrailing systems are different right out of the box. Yes, literally out of the box. Our handrailing systems arrive in perfect condition ready for assembly with drawings and instructions written in plain English.

They are designed, manufactured and packaged for delivery in a way that one sub can handle the entire project from start to finish. No glass guy. No wood craftsmen. No painters. No separate services. Just one sub – from unpacking and assembly all the way through installation.

Livers Bronze is one of the few U.S.-based handrailing system manufacturers left. We are solidly rooted at our 127,000 sq. ft. building in Kansas City, Missouri. Every square inch is dedicated to manufacturing and customizing handrailings. Our operations, fabrication, metal finishing, machining, rolling and bending, sheet metal work, laser and tube laser cutting, and state-of-the-art system testing happens under one roof – our roof by our skilled craftsmen. Livers is bondable and insurable, and we're not going anywhere.





Made in the U.S.A.

Family-owned Livers Bronze is one of only a handful of companies still manufacturing railing systems, from design to installation, in the U.S. at its Kansas City, Missouri headquarters. Now under the leadership of the third generation of Livers, the company sees our "Made in the U.S.A" heritage as a symbol of American-made quality, and a competitive advantage in the national and global market.

Livers Bronze believes in the design process. Our customizable and distinctive railings appeals to architects looking to make their signature mark in museums, libraries, offices and theaters. Our systems have been installed in buildings worldwide and in all 50 states.

This is what has established Livers as a leader in handrailing design and distinguished our family company further apart from the competition. And this is why Livers has become synonymous with the highest craftsmanship and unique railing design.

LIVERS

DISTINCTIVE RAILING SYSTEMS

4621 East 75th Terrace Kansas City, MO 64132

Phone: 816 300 2828 Fax: 816 300 0864 Website: LiversBronze.com

To help plan your next rail project, complete CAD Details and CSI Specs are available at LiversBronze.com

