PATINA FINISHES BY BRANDNER DESIGN
Patinas result from a reactive process of applying acids to steel and common alloys to create completely original designs, colors and textural finishes. For 20 years, Brandner Design has been leading the architectural trend of using these unique artistic metal finishes in both commercial and residential spaces across the world.
The Patina Craft

Every metal surface and acid finish has its own method, and with our 20 years of experience creating patina finishes, we have mastered an extensive palette of colors.

Through an artistic use of acids, heat, humidity, time and experienced craftsmanship, the finished product will feature timeless colors, textures and designs and can be applied on cold and hot rolled steel, stainless steel, copper, brass, aluminum, bronze and zinc. All our patina’d products are sealed with a hand rubbed wax, acrylic urethane or a clear powder coat and can be used for interior or exterior applications.
The Artisans

We’re committed to creating timeless and signature architectural works of art in metals, wood, glass, concrete, leather and acrylics. Everything is designed and built in our 33,000 square foot studio in Bozeman MT— a state-of-the-art facility featuring a complete millwork, cabinet shop, metal fabrication, Trumpf fiber laser and CNC brake, finishing department and design studio. Staffed with 35 woodworkers, metal workers, artisans, architectural designers and engineers, we thrive by solving complex problems and continually reinventing what’s possible in the design world.
Patina Gallery
Patina Gallery
An Acid of Many Colors

Steel Finishes

02 Directional Black Veil

02 Random Black Veil

03 Grained Black Veil

04 Charcoal Steel

05 Blackened Hot Rolled

06 Marbleized Hot Rolled

07 Random Blue Heat

08 Directional Blue Heat

09 Antique Brown Black

10 Burnt Copper

11 Copper Veil

12 Autumn Veil

13 Bronze Veil Light

14 Bronze Veil Dark

15 Rust Veil

16 Pewter Veil

17 Natural Etched Steel

18 Black Etched Steel

19 Copper Etched Steel

20 Bronze Etched Steel
An Acid of Many Colors

Stainless Steel

<table>
<thead>
<tr>
<th>No.</th>
<th>Finish Style</th>
<th>Color</th>
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<tbody>
<tr>
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<td>Black</td>
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<tr>
<td>02</td>
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<td>Black &amp; Bronze</td>
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<tr>
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<td>Bronze</td>
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<td>12</td>
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</tbody>
</table>
An Acid of Many Colors

**Brass**
- 01 Teton Brass
- 02 Dark Brown Brass
- 03 Light Brown Brass
- 04 Brushed Brass
- 05 Brassy Brass

**Bronze**
- 01 Dark Brown on Bronze
- 02 Light Brown on Bronze
- 03 Yellow Bronze on Bronze
- 04 Hammered Bronze

**Copper**
- 01 Teton Copper
- 02 Solid Green Copper
- 03 Weathered Green Copper

**Zinc**
- 01 Random Burnished Light
- 02 Linear Burnished Light
- 03 Linear Burnished Medium
- 04 Stippled Zinc

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PATINA FINISHES BY BRANDNER DESIGN

Steel & Alloys

HOT ROLLED STEEL

Hot Rolled Steel is distinguished by its inherent blue mill scale. This mill scale is what makes Hot Rolled Steel unique and gives it its “Industrial” look. We add an acid patina to our Hot Rolled to enhance these qualities.

COLD ROLLED STEEL

Cold Rolled Steel does not have blue mill scale. This is a clean steel that allows us to use a variety of acid patinas to create an array of colors and patterns.

STAINLESS STEEL

Stainless Steel has low carbon content and is extremely rust resistant. This steel can be patina’d different shades of light to dark charcoal color.

BRASS

Brass is a soft metal alloy of copper and zinc that will not rust. This warm yellow metal can be patinated shades of light & dark brown colors.

BRONZE

Bronze is an alloy consisting primarily of copper and part tin along with other metals. This material can be patinated in various shades of brown & yellow colors.

ZINC SHEETING

Zinc Sheeting is rust and corrosion resistant and comes in a light grey color. This material can be patina’d a light to dark charcoal color.

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Fastening Systems and Methods

Fastening systems and methods

Our panels can be fastened using three different methods:

- **Exposed Fasteners** (panhead or countersunk, flathead screws)
  - **Pan Head Screws** have a round head that lies on top of the steel panel surface.
  - **Countersunk Screws** have a flat head that sits flush with the surface. Panels using countersunk screws are sold with predrilled holes. 12ga material recommended for countersunk and exterior applications.

- **Hidden Fasteners** (Z-clips)

- **Adhesive** (glues and double-sided tape)

Exposed Fasteners

- **14 Gauge or thicker steel** is recommended when using exposed (pan or flat head screw) fasteners.

- **Pan Head Screws** have a round head that lies on top of the steel panel surface.

- **Countersunk Screws** have a flat head that sits flush with the surface. Panels using countersunk screws are sold with predrilled holes. 12ga material recommended for countersunk and exterior applications.
Hidden Fasteners Z-Clip

16 Gauge steel glued to 1/2” wood substrate is recommended when using hidden Z-Clip fasteners.

The Z-Clip fasteners screwed to the steel-panel substrate then attach to corresponding clips on the mounting surface.
Panel size and shape:
True Cut Laser can cut shapes or panels up to 5'x10' in any thickness. Our CNC Fiber Laser cuts with a high level of precision from CAD-based drawings produced from dimensions provided by our clients.

Floating Panel
If the design requires a “Floating Panel” they are typically pre-fastened to a substrate such as ½” plywood and when the panels are hung a space is set between them giving the effect they are floating, as seen on the right.

Adhesive Fastening
16 Gauge steel is recommended when using glues to adhere small steel panels. Brandner Design can provide a very effective adhesive for gluing steel panels or tile to wood, plaster or concrete substrate.

- The most important step when using adhesives is preparing the substrate; making sure it’s as flat and true as possible will assure the best result.

Tight Panel
Panels can also be set tight together using adhesive fastening or screw fastened applications.
Patina Protectant Sealers

All patinated products come pre-sealed with either an Oil/Wax, Acrylic, Acrylic Urethane or Clear Powder Coating to protect the finish and deter rusting.

- **Hand-rubbed Oil & Wax sealer** is recommended for dryer climates and residential interior use. Occasional maintenance and cleaning may be required to retain a vibrant finish. Oil & Wax allows weathering and rust to occur over time.

- **Acrylic Urethane sealer** is recommended for exterior areas with moisture and high use, like siding and doors.**

- **Acrylic sealer** is recommended for interior areas with high use, moisture and commercial applications.**

- **Clear Powder Coat sealer** is recommended for counter and bar tops – lends extra durability for exterior settings. Clear powder coat is only available on hot rolled steel.**

Warranty Details

**Warranty on finishes:** All Interior Patina finishes and sealers have a one year conditional warranty against delamination, rusting and discoloration. Patina finishes must be cared for and used properly in order for any failure to be considered a warranty item. See Panel Care Sheet for further details.

**Warranty on any steel panel lamination to a plywood substrate or door:** All laminated panels applied to a Brandner Design substrate are warranted against delamination, separation and warping for one year. All panels must be installed as per Brandner Design specs and be cared for as listed below to be eligible for warranty coverage.

**-Brandner Design does not provide a warranty against rust for exterior steel finishes.**

Brandner Design highly recommends contacting our sales team to discuss your project and which materials, patina, and sealer will work best for your application. We are more than happy to provide guidance and answer questions.  
406.582.0711 | sales@brandnerdesign.com
Our Patina Commercial Clients

Boston University
Phillips Arena Atlanta
Riverhead Hotel NY
Canada Goose Soho/Chicago
Cole Field House Baltimore
  Gensler
  Lifetime Fitness
  Live Nation
K-Town Los Angeles
The Cigar Factory
Jackson Hole Resort
Electronic Theatre Controls

Sasaki Assoc
Silhouette Design
Gaucho Urbano
Destihl Brewery
Whiting Turner
Yellowstone Park Hotel
Piste Restaurant
Cambridge Hotel
Anderson Library University of Minn
Rocky Pond Winery
Jersey Mike's
Shake Shack
Contact Brandner Design

Our 33,000 square foot facility in Bozeman, Montana is our main office and fabrication shop. An additional 8,500 square foot studio dedicated to patina is currently under construction and will be completed in 2021.

Please call or email us with any questions.

Sales@BrandnerDesign.com

406.582.0711