



Custom Iron Highlights Powder-Coated Finishes for Long-Lasting Metalwork

August 14, 2026

ZUMBROTA, MN - August 14, 2026 -

Custom Iron continues to offer a wide selection of powder-coated finishes designed to protect and enhance its custom stairs, railings, and architectural metalwork. Produced at the company's facility in Zumbrota, Minnesota, these finishes provide a durable, weather-resistant surface suitable for both interior and exterior applications. The process supports the company's longstanding approach of building each project to specific requirements rather than relying on standard kits.

Powder coating forms a protective layer that resists corrosion, chipping, and wear from daily use and environmental exposure. Available options include classic black, modern matte tones, custom colors, and specialty effects that allow projects to match surrounding architecture or design preferences. The finishes apply to steel and aluminum components used in spiral stairs, straight stair systems, deck railings, handrails, newels, balusters, and additional custom metal elements. This variety supports both traditional and contemporary design directions while maintaining consistent performance across different settings.

The application occurs after components are built and prepared in the Minnesota production space. This step follows detailed design work that begins with client consultations covering project goals, dimensions, code

needs, and aesthetic choices. Designers develop CAD drawings and shop plans to guide production, ensuring each piece aligns with the approved vision before the powder-coating stage. Quality checks throughout the process help maintain accuracy from initial measurements through final surface treatment.

Custom Iron's capabilities extend across residential and commercial needs. Deck railings and handrails benefit from outdoor-ready finishes that maintain appearance through seasonal changes, including exposure to moisture and temperature variations. Interior railings and balusters receive coatings that complement entryways, lofts, and balconies. Cable railings and laser-cut panels also incorporate these finishes to balance open aesthetics with structural integrity. Broader architectural metalwork projects, including one-of-a-kind elements and complete systems, receive the same attention to surface protection and visual consistency.

Long-term client relationships reflect the reliability of these finished products. Stair industry partners and builders have worked with Custom Iron for decades, noting consistent quality and support from the team. Some relationships span more than twenty years, with partners citing dependable outcomes on both straightforward and complex installations. The company's focus on American production supports quality control throughout the building and finishing stages, contributing to products that remain functional over extended periods.

"Powder coating allows us to deliver surfaces that hold up well over time while giving clients flexibility in color and texture," said James Yetzer, Design & Process Manager at Custom Iron. "It is one of the practical steps that helps the final installation perform as expected in real-world conditions, whether the project involves a residential deck or a multi-level interior space."

The process emphasizes collaboration from the first discussion through delivery. Clients work directly with experienced staff who handle quotes, design refinements, and production coordination. Once complete, products ship in modular sections with clear instructions that support efficient on-site assembly by a small team, typically completed in a few hours without specialized on-site modifications. This modular approach pairs effectively with the protective finishes, as the coated surfaces arrive ready for use after reassembly.

Team experience further supports the consistency of finished results. Long-tenured craftspeople contribute specialized knowledge across fabrication, welding, and related production areas. Quarterly recognition of employees highlights the value placed on skilled workmanship that carries through to surface treatments and final preparation. This continuity helps maintain standards that clients have come to expect across successive projects.

"Our team's experience across design, production, and operations helps ensure every finished piece meets the standards clients expect," added Tonya Pukal, Operations Manager at Custom Iron. "The powder-coated surface is part of building solutions that remain functional and attractive for years, supporting both the

practical needs and design goals of each installation.?

Custom Iron has operated since 1975, when Terry Driscoll established the business. The company now works from an 80,000-square-foot facility under President and CEO Robert Driscoll, who assumed leadership at the end of 2021 after years of involvement across shop and office roles. The team includes long-tenured craftspeople with decades of experience in building stairs, railings, and related components. Custom Iron supplies stair industry businesses, builders, architects, and consumers nationwide with custom-built spiral stairs, mono-beam and two-beam systems, deck railings, handrails, balusters, and additional metalwork designed for durability and ease of use.

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For more information about Custom Iron, contact the company here: Custom Iron Robert Driscoll 800-732-7696 ci.info@customiron.com 400 E 1st St, Zumbrota, MN 55992

Custom Iron

Custom Iron doesn't believe you should settle for a one-size-fits-all spiral stair! That's why we don't sell kits. Instead, we build beautiful spiral stairs one at a time for a reasonable price.

Website: <https://www.customiron.com/>

Email: ci.info@customiron.com

Phone: 800-732-7696

