



RESTORATION



Show your creativity.

On The Cover:

Projects from top left to bottom right : President Hayes Memorial, Freemont OH; Taft Museum, Cincinnati, OH; University of Georgia - Agricultural Dept., Atlanta, GA; Lt Governor Offices, U. S. Virgin Islands; Panoramic view of President Hayes Memorial, Freemont OH; Spring Grove Cemetery, Cincinnati, Back of Kentucky, Covington, KY; OH; Lane Hooven House, Hamilton, OH



Fountain, Legionaire Borough, PA



Balz Residence, Cincinnati OH



Frasca Residence, Newton MA

Restoration • Conservation • Replication



Stewart Iron Works is unique in the preservation industry. Endowed with a rich heritage of ironwork experience and archival resources, our skilled designers, engineers, and craftsmen have the knowledge and ability to tackle almost any renovation project.

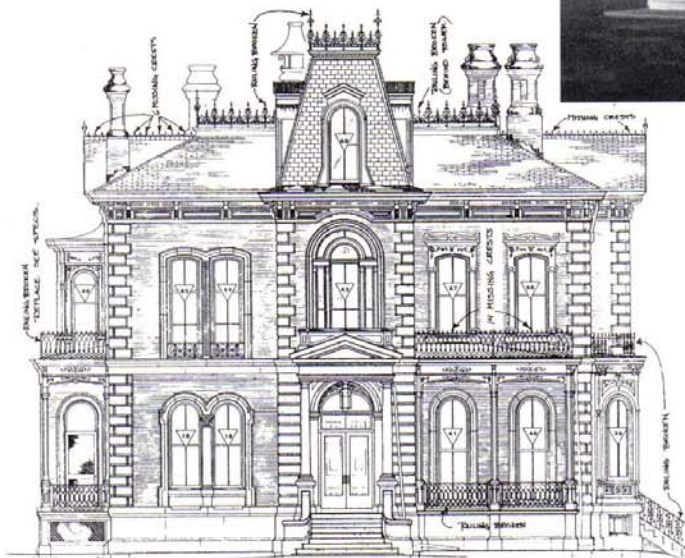
We offer a broad spectrum of metal fabrication services for both historic and contemporary applications. Whether your project is big or small, our experienced personnel are eager to assist you with product information, design consultation, complete AutoCAD services, pattern making, shop drawings, manufacturing and installation. Stewart Iron utilizes time proven casting and ironwork methods, combined with modern technology and state of the art manufacturing, to create beautifully detailed architectural elements. This cohesive blend of old world style and modern efficiency allows us to offer our clients more cost effective, competitive products in a wide variety of materials including cast iron, steel, brass, bronze, aluminum, zinc and copper.



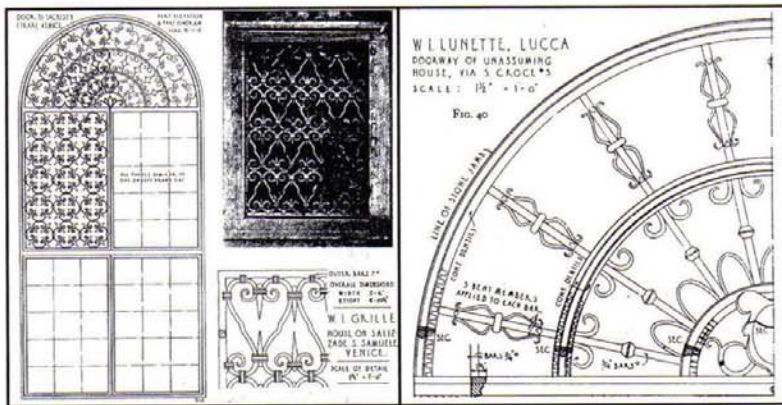
The David Davis Mansion

rennovated in 1988 by the
State of Illinois Capital Development Board
in conjunction with
the Illinois Historic Preservation Agency.

Stewart Iron Works historic metalwork experience and archival research provided valuable insight into how the ironwork structures and cast metal elements for this historic landmark were originally made and installed. Armed with this information, our skilled craftsmen were able to exactly recreate the missing and broken balcony railings and properly resecure the roof crestings while restoring these integral architectural iron details to their original beauty.



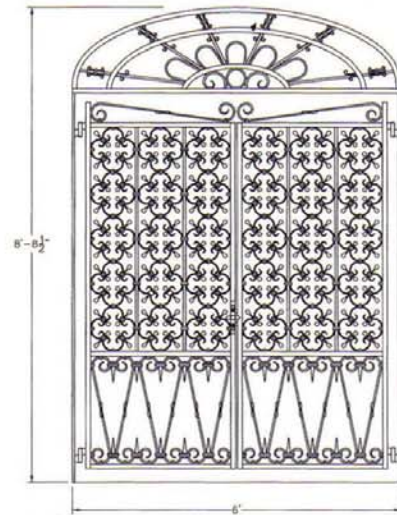
1000 E. Monroe Dr. Bloomington, IL 61701



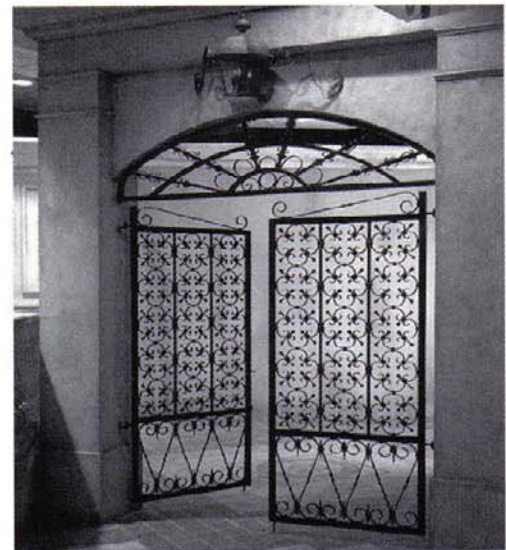
• original historic drawings of Italian door way design concepts

Historic Research **Traditional Craftsmanship** **Modern Technology**

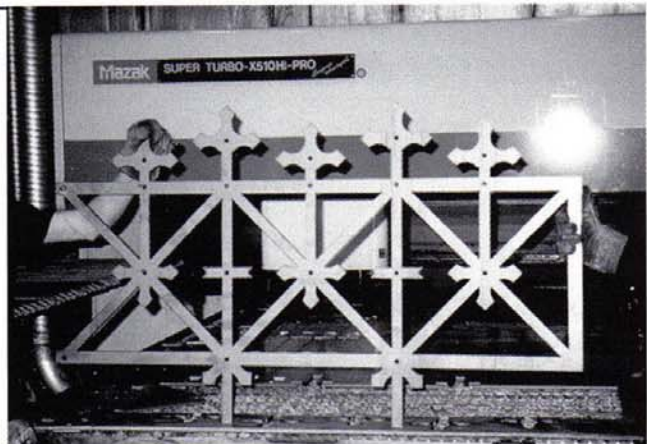
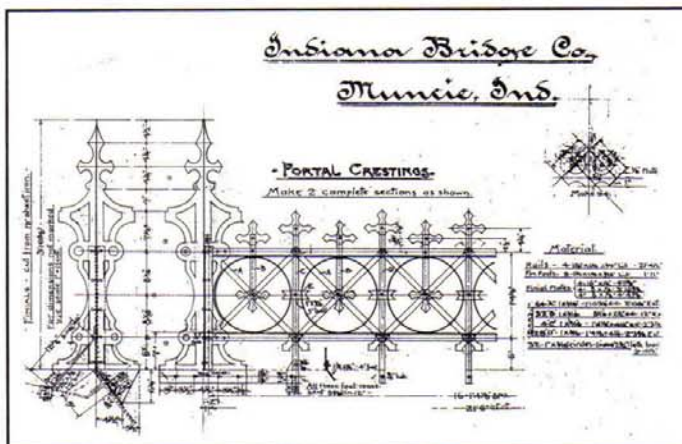
Research is an integral part of the restoration process. Stewart Iron craftsmen and artisans have the skills and resources to restore, conserve, or replicate historic casting patterns and ornamental ironwork. Whether from whole or partial pieces based on photographs, historic drawings, or original elements that utilize the accepted methods of the nation's major historic preservation organizations. Our extensive archival library on 19th and 20th century American and European metalwork has been described as the most comprehensive collection of photographs, original technical drawings, foundry pattern books, manufacturing catalogs, and architectural element masterwork patterns in the country by the National Building Museum in Washington, D.C.. This historic perspective, coupled with over 110 years of experience in ironwork fabrication and installation, gives us a valuable and unique insight into how many historic ironwork structures and their cast metal elements were originally made. In many cases this in-house library has enabled us to provide our clients with priceless information from original detailed drawings of component parts specific to their projects.



• AutoCAD Drawing of historic replication for iron gates project based on Architect's specifications

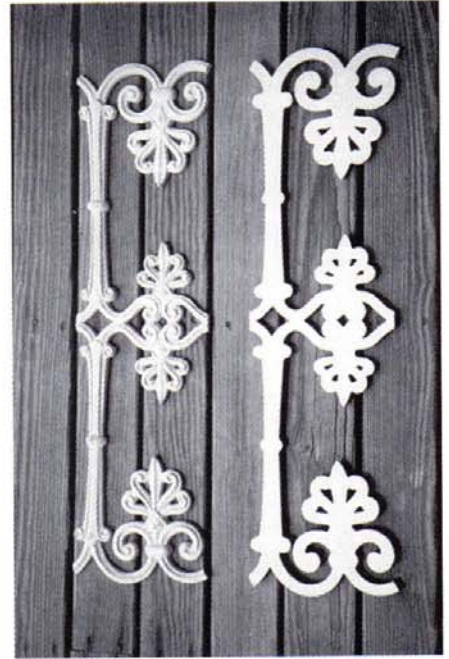


• Finished gates grace a restaurant entryway at the Argosy Casino, Lawrenceburg, IN.



• Historic line drawing of Indian bridge portal casting and modern cost effective laser cut replication process

Restoration • Conservation • Replication



Details of restoration and replication work in progress for the historic balcony railings ornamenting the front and sides of the offices of the Lt. Governor, United States Virgin Islands.

Years of environmental abuse, from salt erosion and hurricanes, led to the deterioration of this railing system. Careful conservation efforts by our experienced restoration technicians helped to preserve much of the original metalwork that enabled Stewart Iron Works to make clean accurate casting molds for replication of the missing elements.



- Historic Accuracy
- Economic Design Ingenuity
- CAD Technology providing detailed technical drawings of projects before commitment to the cost of manufacturing
- Extensive archival library of historic castings and ornamental ironwork patterns
- Ability to restore or replicate missing or deteriorated parts



• Close up of dolphin detail from a Bernini fountain in Rome, Italy.

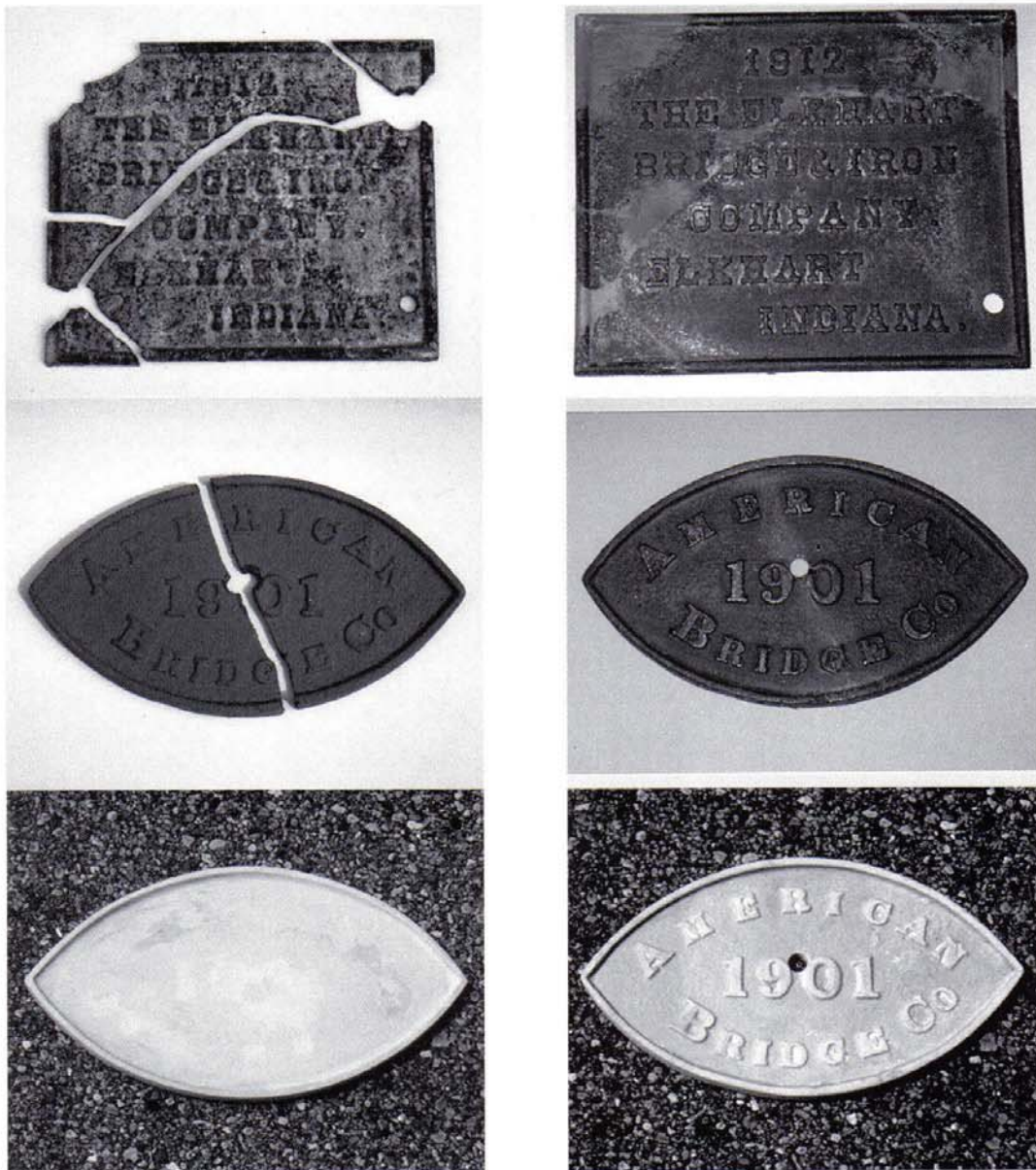


• Dolphin table inspired by original fountain detail and hand carved by Stewart Iron Works master artisans, available in aluminum or bronze.

Each project we undertake is carefully examined by our experienced personnel to determine the present condition, what damage exists and what future problems might arise. Treatment options, cost estimates, maintenance proposals and general recommendations are given to our clients for consideration. Our fee is based on research and design time, labor, shipping and material estimates assigned to each project. Preparing budget pricing and estimating current construction or restoration costs are among the many services we offer.

Restoration • Conservation • Replication

Upon request, photographic or written documentation of the restoration or replication process is available in accordance with the Code of Ethics and Standards of Practice of the American Institute for Conservation of Historic and Artistic Works (A.I.C.)



Conservation and restoration of historic bridge markers for the Historic Landmarks Foundation of Indiana. These original bridge plaques were restored as demonstration models highlighting the Stewart Iron Works conservation process at the request of the H.L.F.I. for their National Historic Bridge Rehabilitation Workshop. Afterwards, the restored originals were used to create resin molds for cast iron replacement markers on historic bridges throughout Indiana.

- *We are usually able to discuss general restoration or replication options and offer cost estimates after reviewing project photographs, technical drawings and/or actual metalwork samples.*
- *Restoration estimations can be done at site locations or in our design offices to determine specific project priorities in variety of ways...*
 - *Our experienced staff can assist with the handling and shipping of project components to our factory/office location in a variety of ways...*
 - *provide clients with packing and shipping suggestions*
 - *provide empty lined shipping containers and courier pick up*
 - *nationwide pick up and delivery of items too large and fragile to ship*
 - *international Transit and Customs Brokerage*



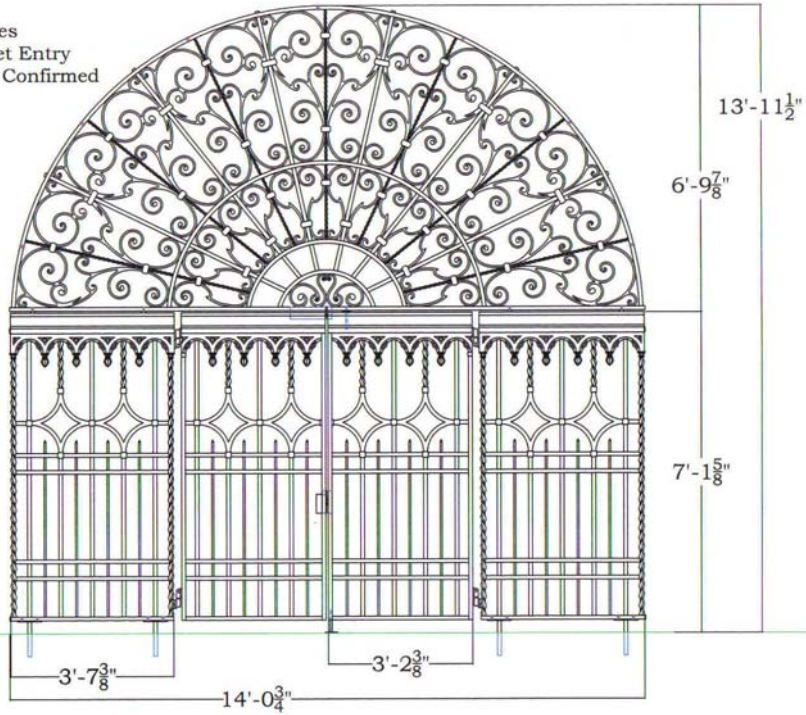
• Finished restoration of ornamental iron fence, gates, and railing at the Taft Museum, Cincinnati, OH. The original ironwork was also fabricated by Stewart Iron during the late 1800's.



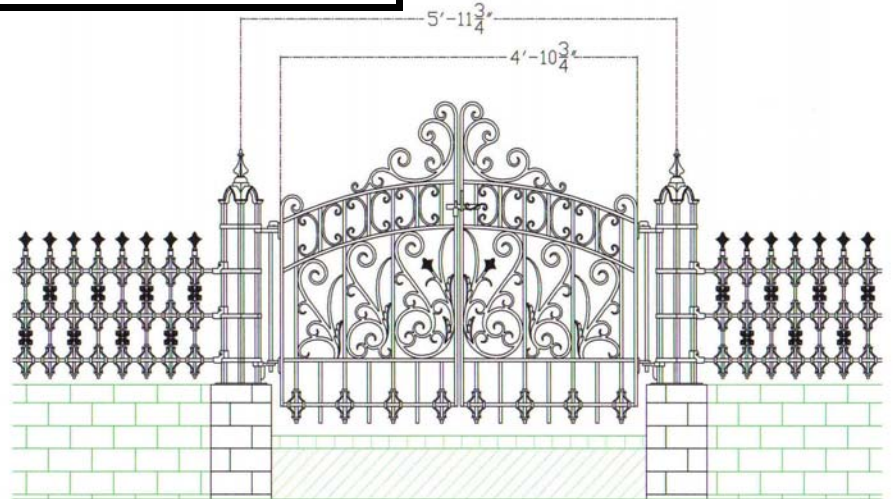
• Finished restoration of entryway awning for L.P.K. Associates

Our experienced personnel welcome even the most difficult restoration challenges while still being able to recognize and admit any limitations. When a project beyond our capabilities or facilities does arise, our extensive relationships within the field of metalwork and restoration services can provide the needed network solutions for advice, suggestions, collaborations, or referrals. We are proud of our international reputation for excellence, punctuality, accuracy, and consistency. This pride is reflected in the quality of every project we undertake.

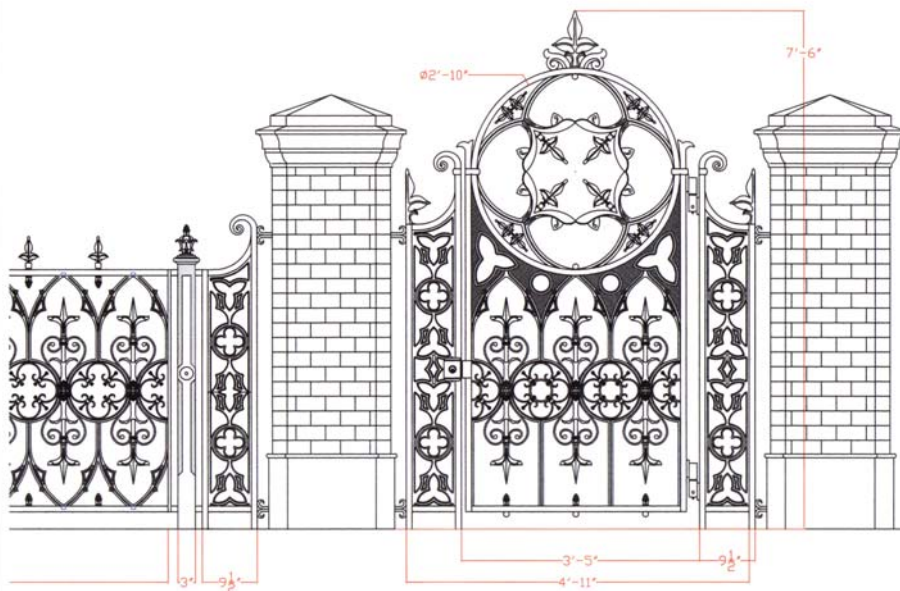
Final Elevation
of New Swing Gates
for Diamond Street Entry
Field Dimensions Confirmed



Allegheny County Courthouse, Allegheny PA



DOUBLE WALK GATE



Rader Residence, Lancaster OH

Frasca Residence, Newton MA



TO PLACE AN ORDER

All sales (including telephone / fax) must be confirmed with a signed proposal or purchase order. Your purchase order should include the following information: Item name and, or model number, color (special finishes and custom colors must provide a color chip approved for use.) quantity of item or items and all shipping information.

Custom design orders must include final approved shop drawings, written specifications and any other information required for fabrication. Materials provided for match work on special finishes or custom colors should be 2" x 2" minimum. Stewart Iron Works reserves the right to request customer approval and sign-off on any match finish once a sample match is completed.

Stewart Iron Works can provide submittal drawings upon request. Custom design drawings and prototype work will be quoted on an individual basis. Alterations to existing product lines must be submitted as a custom design specification. All final approvals must carry the signature of the responsible party.

Upon our receipt of your purchase order you will be sent a confirmation notice; please check this document carefully for its accuracy. Any errors must be reported to Stewart Iron Works immediately.

CANCELLATIONS

Cancellations will not be accepted after production has begun. On stock items there is a 25% restocking charge.

PAYMENT

All prices are quoted F.O.B. Covington, Kentucky unless otherwise noted. Prices quoted are valid for 90 days from date of quote and may be subject to change without notice. A 50% deposit is required when your order is placed with the balance due before shipping. Any other arrangements must be approved in writing prior to final confirmation of your order. We also accept Visa and MasterCard.

SHIPPING

All orders are shipped freight collect or third party billing based on final destination. Orders being shipped pre-paid will be quote freight plus 10%.

Some items ship individually boxed and others due to weight and size require individual crates. You will be informed if additional crating charges are applicable.

All shipments will be made via common carrier unless specified otherwise on your purchase order. Boxes and crates are usually heavy and often awkward to handle and you may require mechanical assistance when unloading. Additional handling of freight is solely the responsibility of the buyer and is not included in purchase or shipping costs provided by Stewart Iron Works unless requested in writing prior to quoting.

CLAIMS AND RETURNS

All items are carefully inspected and securely packed by Stewart Iron Works before leaving the factory. Stewart Iron Works is not responsible for loss or damage incurred during transit. Please notify the carrier immediately if your shipment has been mishandled or is incomplete in any way. Any shortage should be reported to Stewart Iron Works within (5) working days of receipt of your order.

Return authorization must be obtained from the factory prior to our accepting delivery of any returned item.

CUSTOMER PICKUPS

Normal pick up hours are Monday through Friday 8:00 a.m. to 3:00 p.m. A storage charge of \$35.00 per day will be assessed on all orders that have not been retrieved from the factory within (72) hours following notification of completion unless other prior arrangements have been made.

WARRANTY

Stewart Iron Works warrants its products to be free of defects in construction, workmanship or materials for a period of (12) months from date of invoice under typical use and conditions, excluding vandalism.

Stewart Iron Works will repair or replace at our option, any part or item found to be defective within terms of our warranty. It is the responsibility of the customer to promptly notify Stewart Iron Works in writing in the event of a defective merchandise complaint.

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PAINT FINISH

Site furnishings are sealed with Stewart Enviro-Coat™, an environmentally friendly process that results in a beautiful powder coat finish that resists rust, peeling, chipping, and fading guaranteed for five years under typical conditions. This exemplarily polyester powder coat system begins with extensive substrate cleaning to ensure complete removal of heavy mill scale, rust and grease. After cleaning and surface prep and prior to the final colored powder coating, the metal substrate is sealed in an environmentally friendly corrosion-inhibiting zinc-phosphate coating up to a thickness of 2 mils. The polyester color coating is then applied by the electro-static method and oven-cured to chemically bond the coating to the substrate for a long lasting, durable finish up to 3-6 mils thick. This economic alternative to galvanizing is also available for many fence and gate products.



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