



Stair Components & Systems
A Division of Eberl Iron Works, Inc.

- Stairpans
- Stair Treads
- Landing Pans
- Carrier Angles
- Nosings
- Infill Panels
- U-Edging Hems

Serving the Needs of Our Customers Since 1923



EBERL IRON WORKS, INC.

Founded in 1923, by brothers George and Frank Eberl, EIW began as a small welding shop, fabricating wrought iron railings, exterior fire escapes and miscellaneous iron.

We've come a long way since those days. We now specialize in custom shearing and forming of steel sheets and plates. Working with customer specifications, we are dedicated to providing the highest quality formed shapes out of: hot rolled, cold rolled, galvanized and stainless steel, as well as aluminum and copper.

We have a selection of custom products for Original Equipment Manufacturers, and for the Structural and Miscellaneous Steel Industries, including: stairpans, stair treads, bent plate, pour stop, u-edging hems, masonry clips, and industrial pipe guards.

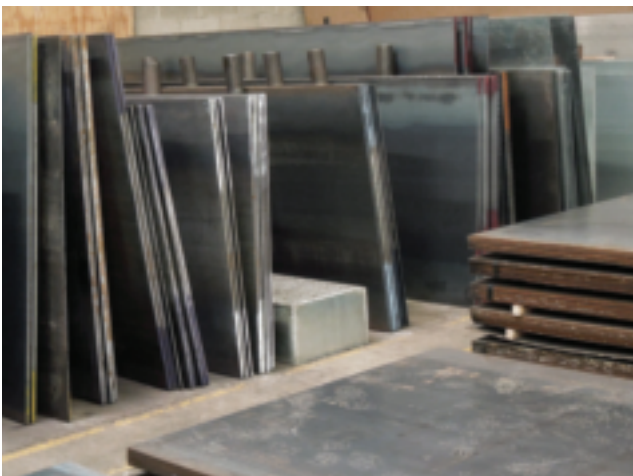
CAPABILITIES

We offer **metal shearing services** on plates between 20 gauge and 1/2" thicknesses, up to 12 feet in length. We shear flat bar in the following sizes: 1/2" thick by 20" wide, 3/4" thick by 18" wide, and 1" thick by 12" wide.

We also offer **metal forming services**. Our four Press Brakes can handle material as thin as 20 gauge and up to 3/8" thick, by 12 feet in length. We can form 1/2" thick material by 6 feet in length.

Other services we offer include: Coping/Notching, Plasma Cutting, Laser Cutting, Welding, Powder Coating, and Painting.

We use CNC equipment, along with a highly skilled workforce, to ensure the tightest tolerance levels, the most accuracy, and the highest efficiency on all of our metal fabrication jobs, to save you time and money.



MATERIALS

Our 40,000 square foot facility is stocked with a large array of materials, so we can fabricate your custom job at a moment's notice.

Because we offer so many different fabrication services in house, we are able to tightly control the manufacturing process.

This allows us to provide you with a **superior standard of quality and quick turnaround time on our products.**



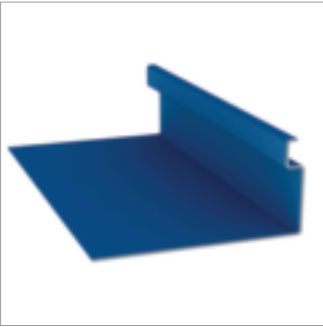
STAIRPANS

Our stairpans are formed in square and don't require any re-work to fit your fabricated stringer channels.

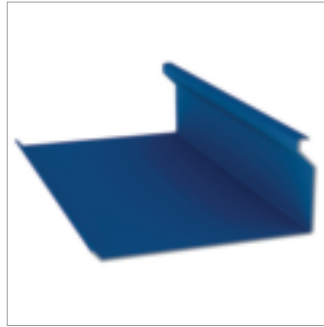
With decades of experience manufacturing steel stairpans for the commercial building industry, you can trust that Eberl stairpans are manufactured out of only the highest quality sheet and plate steel, and are formed with the tightest of tolerances, improving efficiency of installation for commercial steel stair fabricators.

Eberl stairpans are available in standard shapes and sizes and are also customizable to your dimensions upon request.

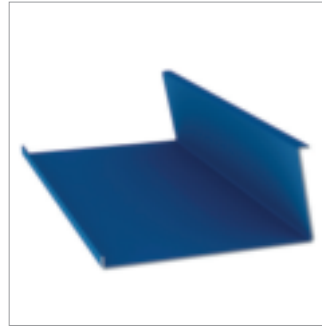
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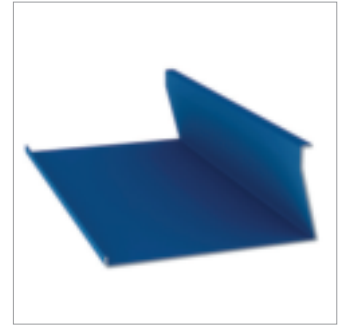
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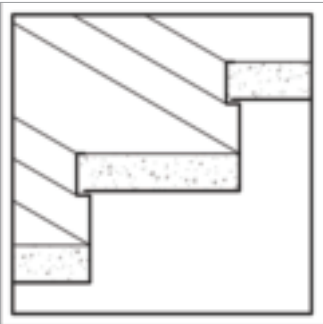
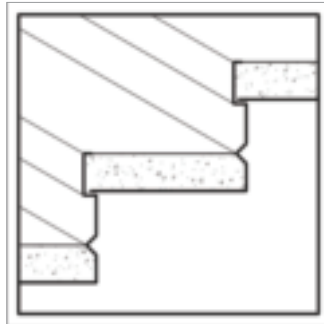
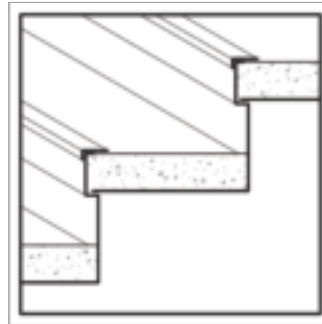
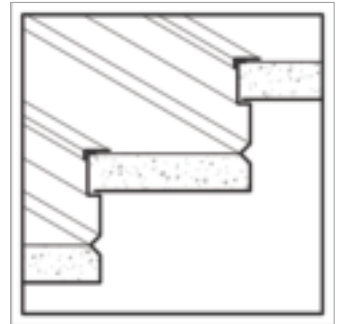
TYPE 3



TYPE 4

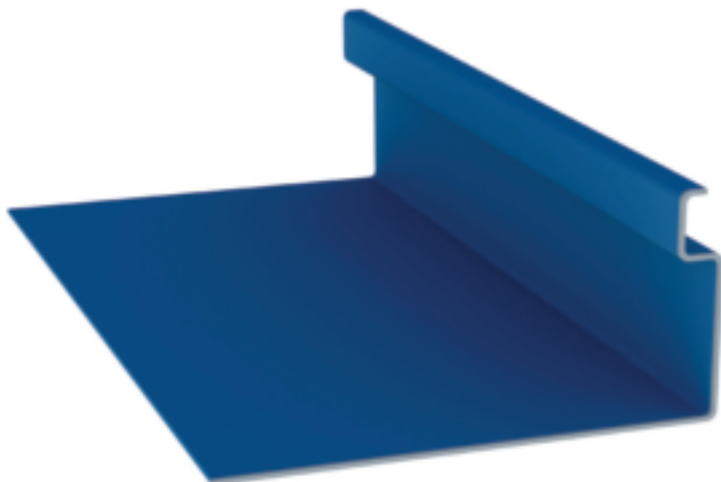


FOUR OPTIONS FOR EACH TYPE OF PAN

A COMBINATION
TREAD & RISER

B WITH
SANITARY COVE

C WITH NOSING

D W/ SANITARY
COVE & NOSING


We provide all three main stairpan components for your commercial stair system: the **starter riser**, which begins your stair, the **combination tread and riser**, which makes up the middle portion of your stair system, and the **landing riser**, which immediately precedes your stair landing.

COMBINATION TREAD & RISER

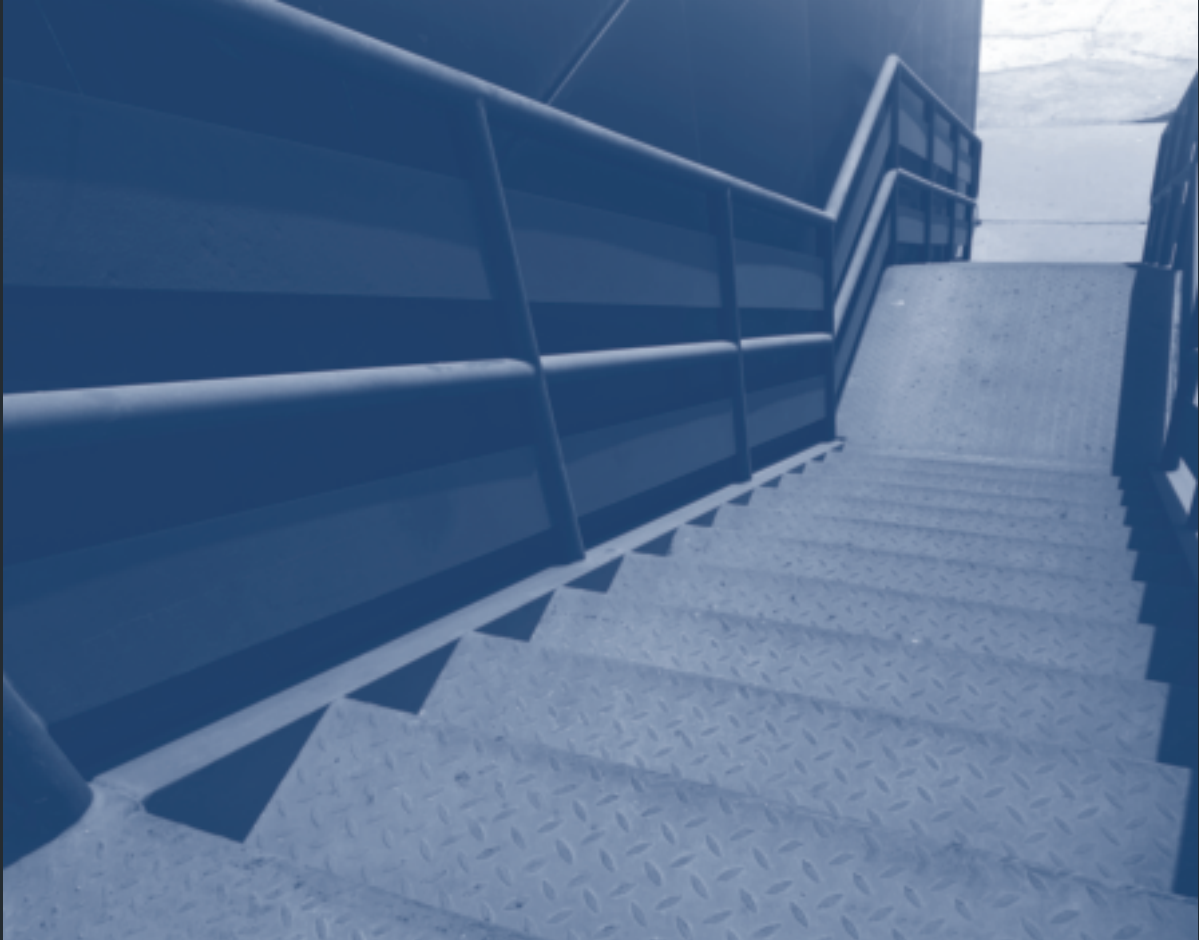


LANDING RISER



STARTER RISER





STAIR TREADS

We manufacture diamond plate stair treads, along with safety grating stair treads, and bar grating treads.

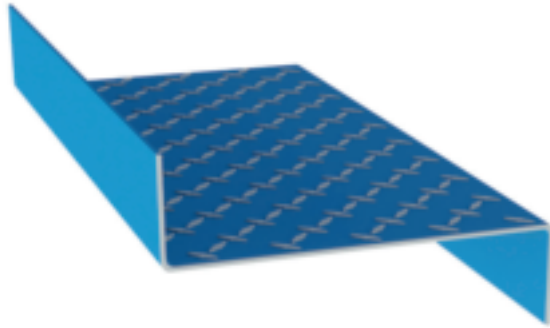
Our stair treads are manufactured in square, providing fabricators with an easy to use tread for fabricating stairwells. Treads are available with open or closed riser design.

Treads are manufactured in a range of material thicknesses: from 1/8" to 3/8" thick.

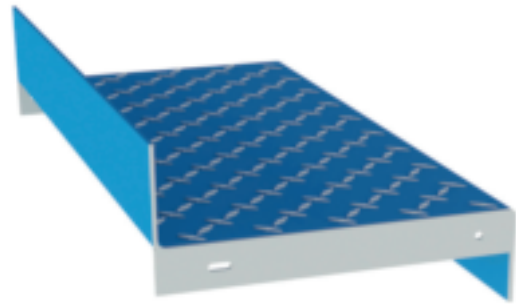


DIAMOND PLATE STAIR TREADS

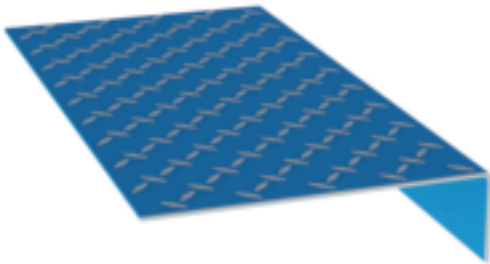
TREAD



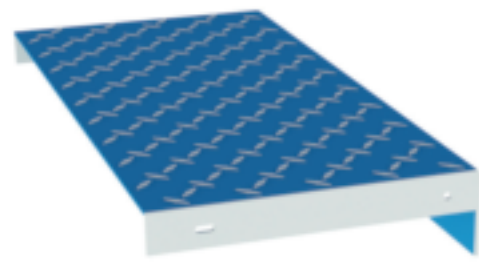
TREAD W/ CARRIER



STARTER TREAD



STARTER TREAD W/ CARRIER



Diamond Plate Stair Treads are manufactured from high quality diamond plate, also known as checker plate, steel in a variety of configurations and lengths to fit your needs.

Perforated Stair Treads can increase aesthetic appeal, increase visibility and decrease weight. Both tread and riser portions can be perforated in a variety of patterns.

Grating Stair Treads with pre-punched, welded on carrier plates are ready to bolt together with stair stringers. Available in: Grip Strut, Perf-O Grip, Heavy Duty Grip Strut, Traction Tread and Bar Grating.

SAFETY GRATING TREADS



BAR GRATING TREADS





PERFORATED STAIRPANS & TREADS

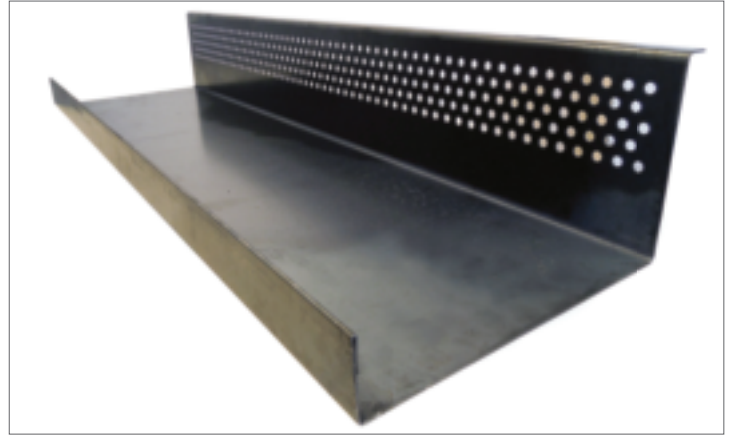
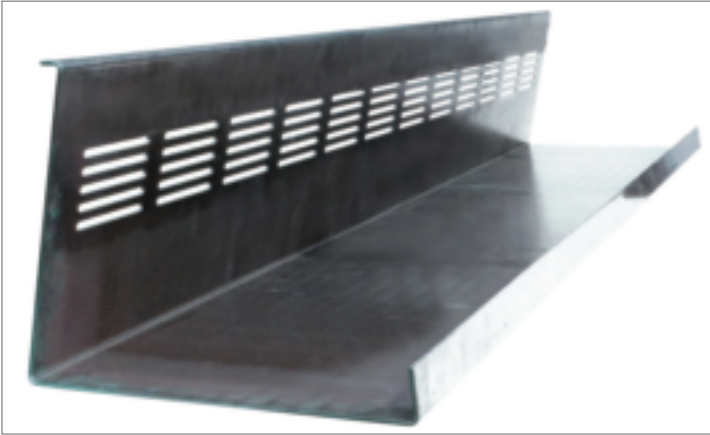
Perforated Stairpans and Stair Treads
Improve Visibility, Safety & Aesthetics.

Perforated stairpans and stair treads improve visibility for pedestrians using commercial stairwells, allowing them to see foot traffic both above and below, and alerting them to any potential dangers.

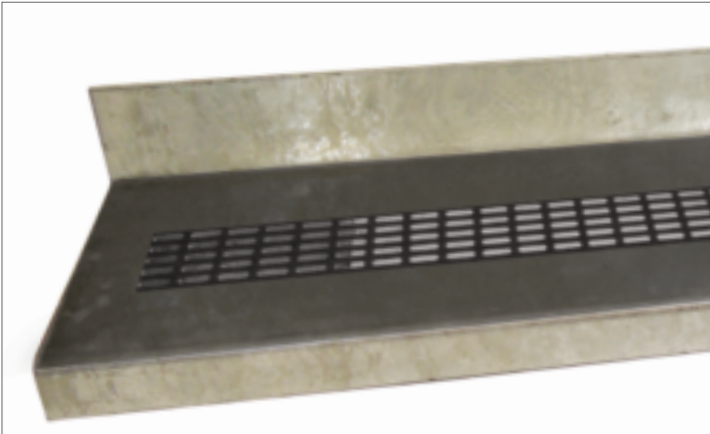
Holes also allow more light to filter through making stairwells a brighter, friendlier environment.

PERFORATED STAIRPANS AND STAIR TREADS

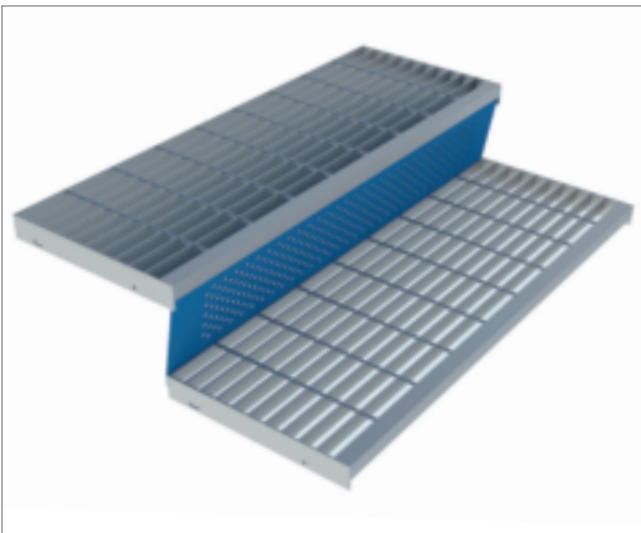
Perforated Risers



Perforated Treads



TREAD RISER CLOSURES



Riser Closure Panels seal the riser opening on steel stair treads, making them safer for pedestrian traffic, as well as providing building code compliance.

Tread Riser Closures are available in both solid and perforated metal options. The advantage of perforated closure panels is that they allow stair users to see through the riser and observe other people above or below them on the stairwell.

Our tread riser closures are custom manufactured to your specifications using CNC equipment, and can be used in conjunction with Grip Strut plank grating, bar grating, checker plate, or wooden treads.



STAIR COMPONENTS

Landing Pans, Carrier Angles, Nosing,
Railing Brackets, Infill Panels, and Hems

Stair Systems & Components specializes in custom fabrication of complete metal stair systems. That includes many of the necessary components you'll need to install your stairs as well as put the finishing touches on your stair railings.

We've got you covered from floor to landing!

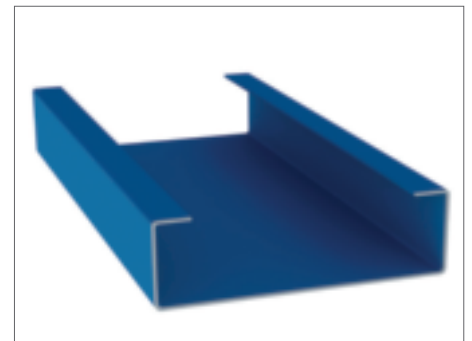
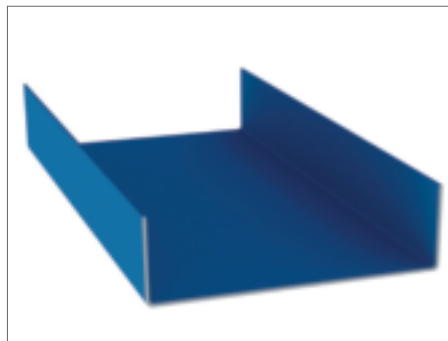
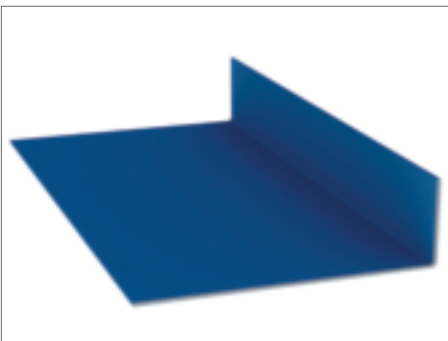


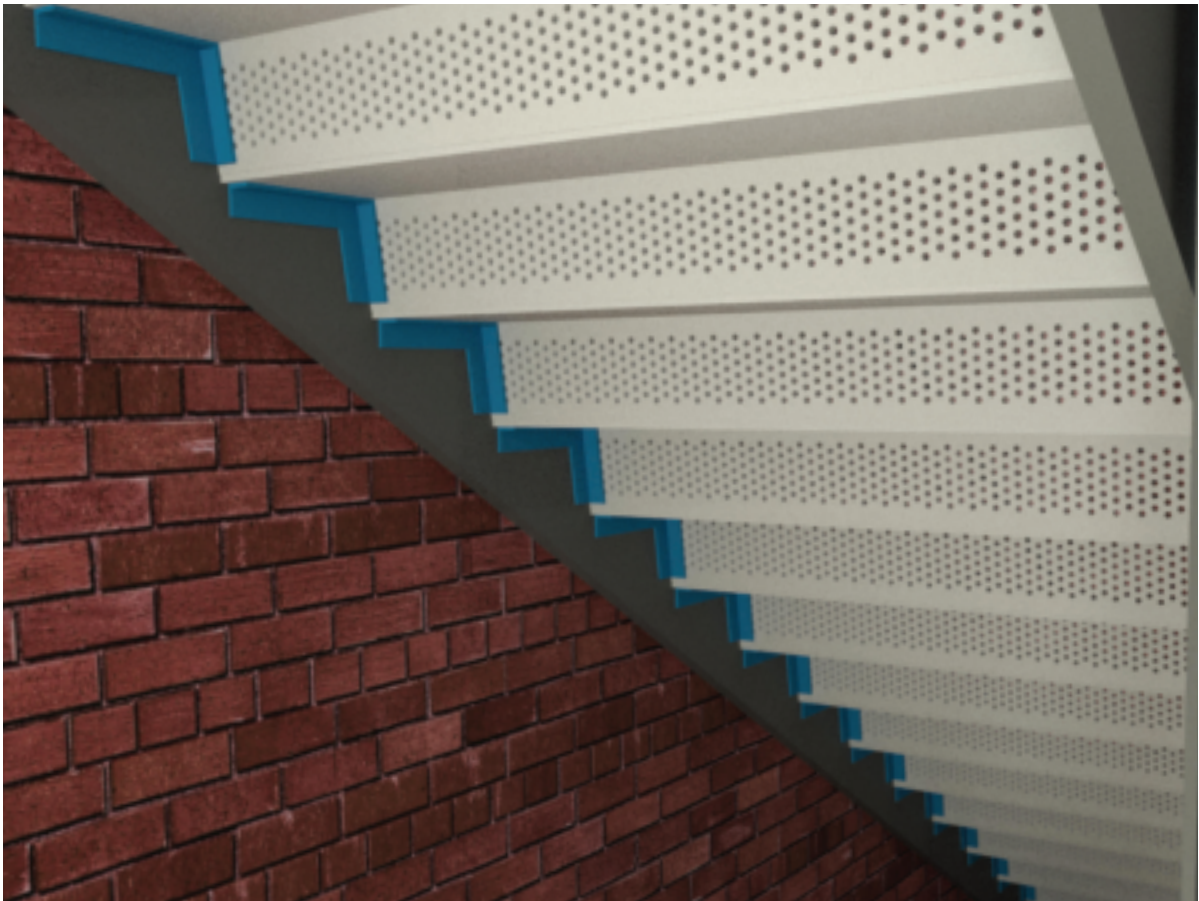
STAIR LANDING PANS

Landing Pans provide a foundation for poured concrete in commercial steel stair landings. They are strong, yet small enough and light enough to be easily handled by one or two workers.

Pans are supplied square, and are notched and bent to fit the field measurements of the installer, reducing the amount of field fabrication time. Landing Pans are available in standard shapes and sizes and are also customizable to your dimensions upon request.

Stair Landing Pans are manufactured at a competitive price and are made of the highest quality sheet and plate steel. They are formed with the tightest of tolerances, improving the efficiency of the installation process for commercial steel stair fabricators. **Interlocking (m/f) pans also available.*

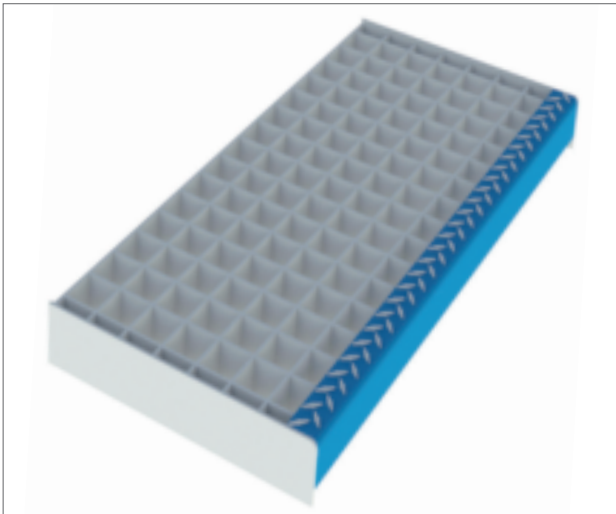




CARRIER ANGLES

Carrier angles are provided in pre-formed angle or structural steel.

Stocked carrier angles are fabricated from prime 12 gauge sheet metal and are formed to the same pitch as the stair pan, eliminating the need for adjustments on site.



NOSINGS

Diamond plate stair nosings provide an anti-slip surface, which improves stair safety and reduces the risk of injury as well as liability, in the case of an accident, due to a slip or fall.

Stair nosings can be incorporated into safety grating and bar grating stair treads, as well as traditional stair tread and stairpan designs.



RAILING BRACKETS

Kee® Safety Systems provide simple, modular solutions that are cost effective, flexible and efficient to install.

Kee Klamp® (shown below): Galvanized steel components, for steel pipe railings and structures, improve the flexibility of the installation process by eliminating the need to cut precise lengths and weld them together.

Kee Lite®: Aluminum Safety Components provide a lightweight, corrosion resistant, and strong alternative for flexible fabrication of pipe railings and structures.

Kee® Access: Specifically designed to equip architects, engineers, specifiers, builders, and contractors with the components necessary to easily construct and retrofit commercial and public structures to satisfy the requirements of the Americans with Disabilities Act (ADA), as well as state and local building codes.

90 DEGREE ELBOW



FOUR SOCKET CROSS



STANDARD RAILING FLANGE





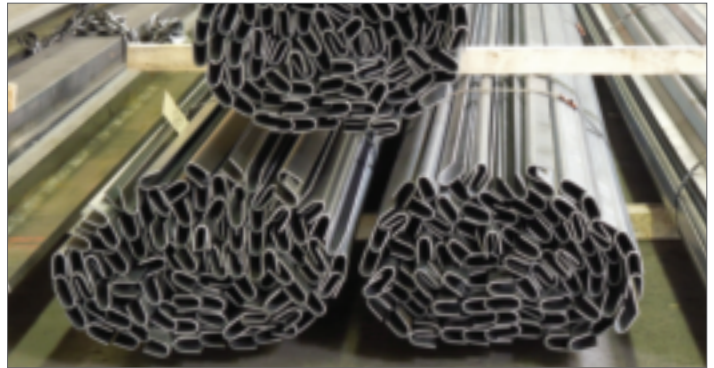
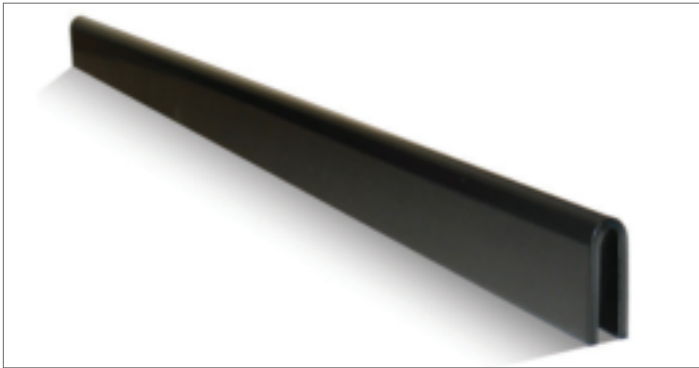
INFILL PANELS & HEMS

Our custom infill panels are expertly manufactured to exactly meet the requirements of our customers.

Mesh for infill panels is available in a nearly infinite variety of styles and patterns, including woven and welded wire mesh. Infill panels can also be manufactured from expanded metal. Patterns range from simple square and diamond-shaped openings to more intricate, architectural, and aesthetically pleasing styles.

Hems, used to enclose the edges of infill panels, are manufactured using a minimum of 14 gauge material. With so many u-edging hem options for infill panels, we provide hemmed panels based on customer designs. We offer two options for purchase: fully manufactured panels with hems pre-welded and ready to install, or as separate components, ready for welding.

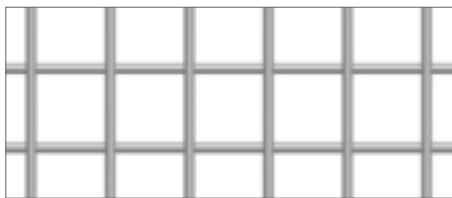
METAL U-EDGING HEMS



EXAMPLES OF INFILL PANEL MATERIALS



WOVEN MESH



WELDED MESH



EXPANDED METAL

MORE PRODUCTS

BENT PLATE



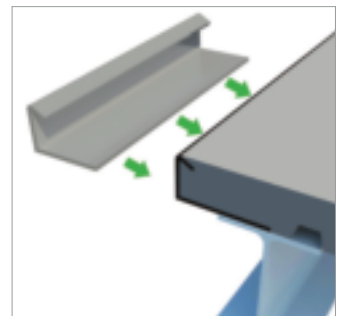
CORNER GUARDS



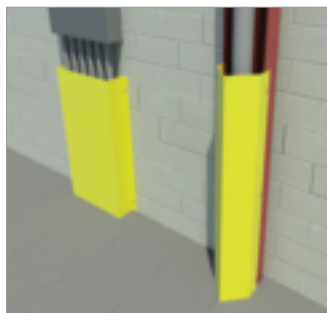
DOOR JAMBS



POUR STOP



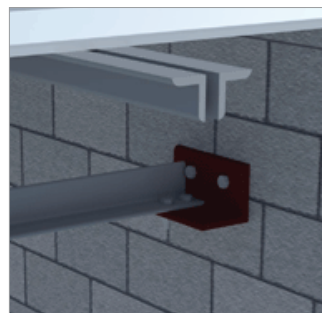
INDUSTRIAL PIPE GUARDS



METAL HOODS



CMU CLIP ANGLES



CONCRETE FORMS



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stairpans.com



Shipping & Delivery

We keep a large selection of products in inventory so we can cut our lead times down and fulfill orders in as few days as possible. Our extremely high shipping volumes are a major contributing factor to our ability to provide highly competitive product pricing and delivery throughout North America. All of our quotes include delivery to your chosen destination.

Your stairpans are skidded, bound, and marked for delivery. Bundles are neatly nested. Each order is marked per your job prints for EASY location and assembly because we recognize that your time is valuable. We take pride in delivering accurate, clean, pre-sorted stairpans, stair treads and stair components, on time.