



www.HDIRailings.co.UK

General Information

Every HDI Railing System is precisely engineered to meet our design criteria and yours ensuring that the project specifications and your design vision are realised without compromise. All of this is accomplished through the coordination of a dedicated team of designers, engineers, fabricators and installers. DESIGN. Precision engineering combined with creativity and flexibility provide architects and designers with diverse, interchangeable railing systems, which may be tailored to suit individual project needs. Our sales team, project

managers and engineers are always available to discuss design needs, schedules and offer budget assistance.

All systems are available with a multitude of options from 304 or 316 grade stainless steel to various types of wood and wood finishes. Infill options range from many types of glass to resin panels with inlays from grasses to coins.



SERVICES.

- Sales Consultation
- Preliminary engineering / planning approval
- Project Management

Options for: • Supply only • Supply and supervision • Supply and installation

WEBSITE. A functioning, responsive designed website has been integrated into HDI's marketing capabilities, to help current and new customers navigate through specifications, CAD drawings and updated information, for fast and easy access in the office or on the job site.
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CIRCUM Round™ . Design and construction ensures a lifetime of beauty and performance.

The CIRCUM™ railing system is furnished with perforated stainless steel, stainless steel infill rods, tempered glass, specialty glass, woven wire mesh, resin and other custom materials. Threaded and expansion connectors are used for connections. Panel clamps include a retainer pin with protective gasket for added security. Curved rails and custom designs are available.

Installation and fastening.

CIRCUM™ stainless steel railing systems are designed to comply with all applicable building codes, technical standards and safety requirements.



Texas State Engineering

CIRCUM Round™ . Clean lines, enduring qualities and elegant looks.

The CIRCUM™ railing system is constructed with mechanical threaded connections to ensure an exact, precise and secure fitting. All railings are fully assembled in our factory and then deconstructed into fully assembled sections to ensure the most efficient installation. Materials: High quality stainless steel either AISI 304 or 316 depending on the environmental conditions. Finishes are 240 grain and bead blasted. Railings are 38mm or

64mm dia. stainless steel or wood of your choice with optional LED. Posts are constructed from 51mm dia. stainless steel tube.

Installation and fastening. Standard attachment methods are surface, core, side and weld mounts.



Pool in the Park, Woking



CIRCUM Round™
surface mount



CIRCUM Round™
surface mount – concrete



CIRCUM Round™
core mount



CIRCUM Round™
side mount

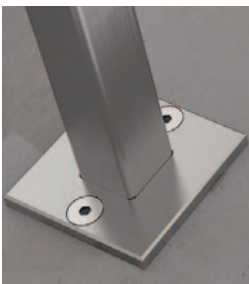


CIRCUM Round™
weld mount

CIRCUM Square™ Provides the right design solution.

The CIRCUM Square™ Post railing system is constructed with mechanical threaded connections to ensure an exact, precise and secure fitting. All railings are fully assembled in our factory and then deconstructed into fully assembled sections to ensure the most efficient installation. Materials: High quality stainless steel either AISI 304 or 316 depending on the environmental conditions. Finishes are 240 grain and bead blasted. Railings are 38mm or 64mm dia. stainless steel or wood of your choice with optional LED. Posts are constructed using 51mm by 51mm stainless steel tube.

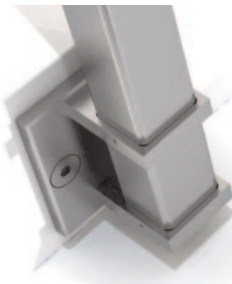




CIRCUM Square™
surface mount



CIRCUM Square™
core mount



CIRCUM Square™
side mount



CIRCUM Square™
weld mount

Ferric™ . Elegant design with an unexpected shot of colours.

Start with the simplicity of glass and stainless steel; then set it off with colour accents. Ferric™ offers flexibility to coordinate and complement the design environment with colourful posts and stainless steel mounting hardware.



Ferric Green
RAL 49-50024



Ferric Flat Black



Ferric SS
RAL 39-60060



Ferric Dark Silver
RAL 33-9740



Ferric White
RAL 1013





Ferric Blue
RAL 49-40033



Ferric Dark Gray
RAL 49-79680



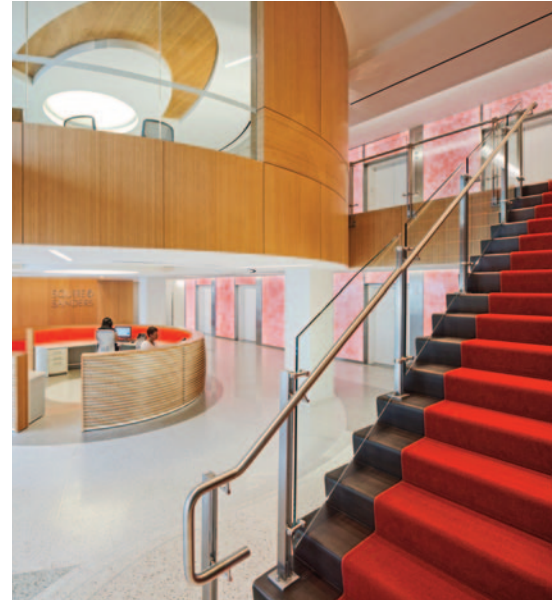
Ferric Red
RAL 3005



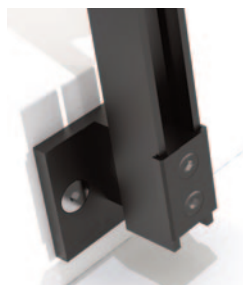
Ferric Bronze
RAL 49-66230

Installation and fastening.

Ferric™ railing systems are designed and manufactured by skilled craftsmen and technicians using the latest CNC machines and sophisticated design software. This system is shipped in pre-assembled sections to maximise the ease of installation and minimise on-site time.



Ferric™ surface mount



Ferric™ side mount



Ferric™ weld mount

inox™. Sterling reputations are built with stainless steel.

Make a compelling statement with the *inox™* pre-engineered railing system. The extraordinary design you achieve will be preserved by durable, low-maintenance stainless steel. Handrails are available in either stainless steel or natural wood. Infill materials are available in glass, resin, perforated stainless steel, woven stainless steel, rods, pickets or materials of your choice. Curved rails and custom designs are available.

Installation and fastening.

The *inox™* system is constructed with pinned and threaded mechanical connections. Finished sections are shipped pre-assembled for optimum installation ease. Surface, side and welded fastenings are available for installation into floors, stringers and side attachments to balconies and stairwells.



Rutgers University, NJ



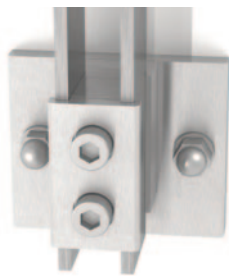
Private Villa, Mexico



*Catalina Island Conservancy
Catalina Island, CA*



inox™ surface mount



inox™ side mount



inox™ weld mount

Konic™ . Function developed on an exquisite form.



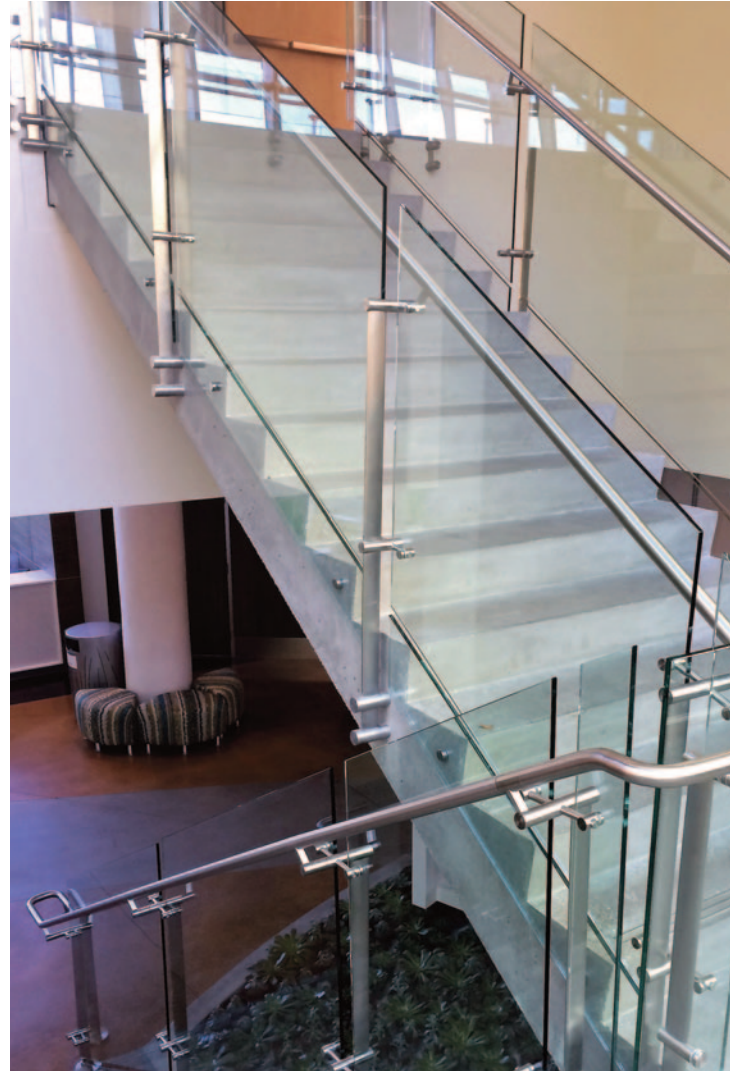
Kaiser Permanente, CA

Crafted from the highest quality stainless steel, Konic™ provides minimalist design with a unique solid elliptical post. The essence of Konic is structural integrity with sculptural simplicity.

Highest quality stainless steel – AISI 304 or 316 provides the perfect application for any environment. Custom bends – formed to accommodate any building or design condition available.

Pre-engineered system – Modular components with unique, hidden internal connections.

Installation and fastening. The Konic system offers a variety of fastening options including core mounting, side mounting and weld mounting.



Konic™ core mount



Konic™ surface mount



Konic™ side mount



Konic™ top rail mount

Kubit™. Sophistication realized with invisible engineering.



Hudson Yards

Crafted from the highest quality stainless steel, Kubit™ provides a truly minimalist design using the highest quality true bar. Kubit is developed to provide the ultimate in sculptural simplicity whilst maintaining exceptional structural integrity.

Highest quality stainless steel – AISI 304 or 316 provides the perfect application for any environment.

Custom bends – formed to accommodate any building or design condition available.

Pre-engineered system – Modular components with unique, hidden internal connections.

Installation and fastening.

The Kubit system offers fastening options including core mounting, side mounting and weld mounting.



Manchester University



Kubit™ core mount



Kubit™ surface mount



Kubit™ side mount



Kubit™ top rail mount

Optik Shoe™ . Provides a clean uninterrupted look.

The Optik Shoe™ system is designed to offer users an unobtrusive look by giving the appearance of floating glass. A stainless steel covered channel supports glass panels that are secured in place using a patented disc lock system, providing a clean uninterrupted look. Stainless steel: AISI 304; surface preparation 240 grain brushed finish. 316 and 316L stainless steel

available as required by environmental conditions. Infill materials: Tempered or laminated glass 1/2" (13 mm) to 3/4" (19 mm).

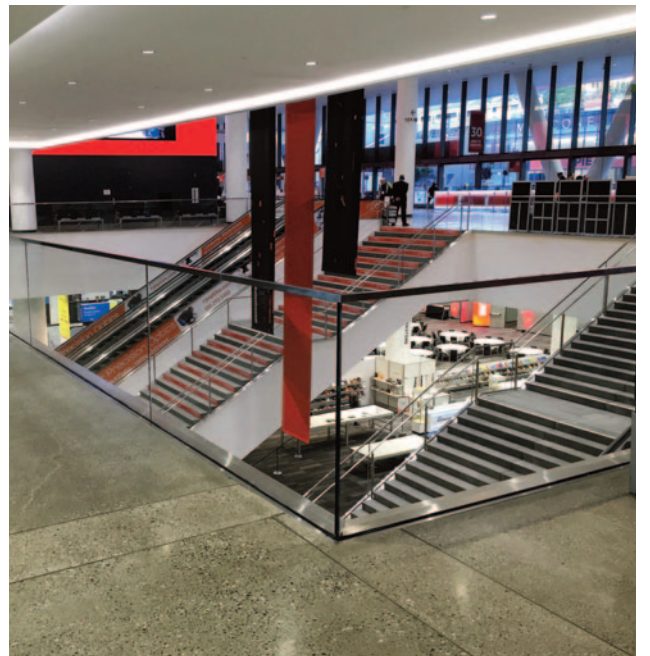
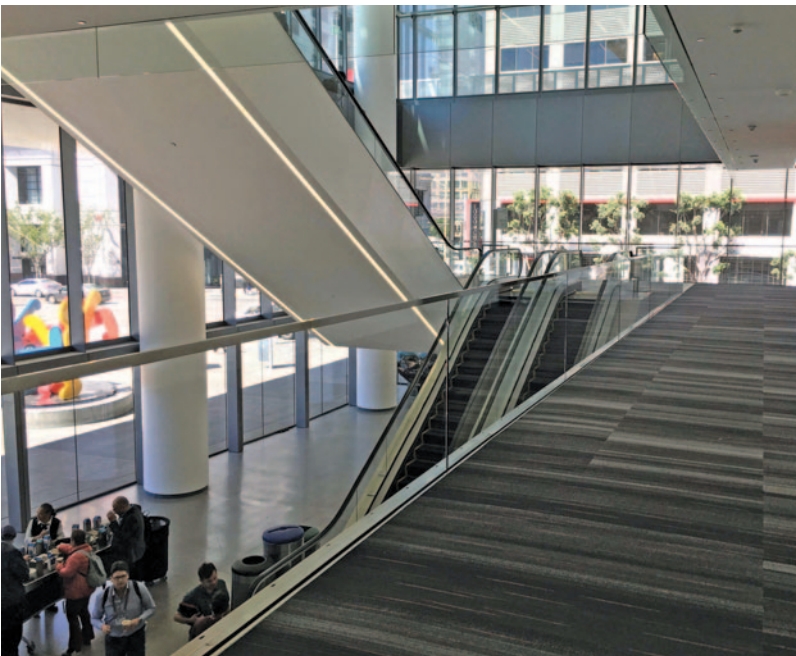
Installation and fastening.

Optik Shoe™ is available with side, surface and embedded mounting.





Google Headquarters, CA



Salesforce Transit Center, CA

Optik Boss™ . Ultra-discreet stainless steel mounting hardware for a fully coordinated design.

Optik BOSS™ allows for a “floating glass” visual. Stainless steel bosses and handrail or cap rail are used to provide a minimalist look. Stainless steel: AISI 304; surface preparation 240 grain brushed finish. 316 and 316L stainless steel available as required by environmental conditions. Infill materials: Tempered glass 1/2” (13 mm) to 3/4” (19 mm).

Installation and fastening. Optik BOSS™ is available with side mounting.

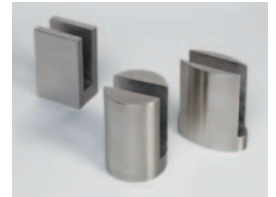


Optik Pod™. A ultra-minimalist alternative to traditional glass shoe rail.

Optik Pod™ creates the impression of complete transparency with structural glass panels. The Optik Pod™ system provides discreet structural brackets to support the glass guardrail and are available in a variety of designs, which can be either round, elliptical or rectangular to suit your project needs. All fasteners are completely hidden from view providing clean lines from elegantly simple shapes. Available glass thickness is ½" or ¾".

Installation and fastening.

Optik Pod™ is available with surface mounting.

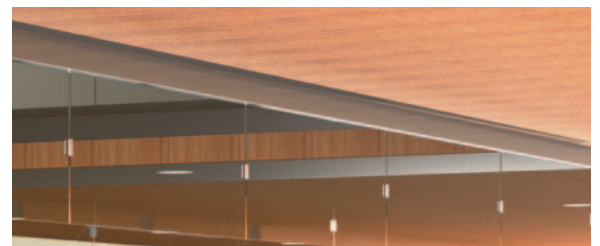
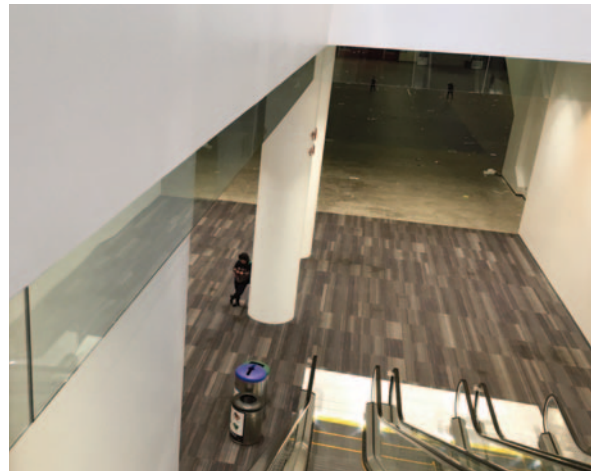


Optik Smoke Baffle™. Minimalist style, maximum smoke mitigation.

HDI's Smoke Baffle or draft curtain provides a virtually invisible overhead glass curtain designed to restrict airflow and smoke movement along ceilings providing assistance to HVAC control, smoke detectors and sprinkler isolation. Many fire codes require large commercial areas to be subdivided

into smaller, more manageable areas to allow monitoring by smoke detectors. By partitioning off certain areas of a building, HDI's smoke baffle system works to retain smoke in these specific locations, which can help prevent unnecessary sprinkler activation from unchecked smoke movement.





KOTO™. Designed to utilize elegant simple lines and unseen connections.



Rock Valley College, IL

KOTO™ cable railing system is designed to utilize elegant simple lines and unseen connections. Available for both interior or exterior use using 304 or 316 type stainless steel. The top rail of the guardrail (cap) can be either stainless steel or wood. Similarly the assist rail, if required, can be either stainless steel or wood. Note all wood rails can be either natural finish in the wood of your choice or stained to match other wood types on the project.

Installation and fastening.

KOTO™ is available with a variety of fastenings including surface, side, and welded mounting.



2 Park Avenue, NY

INFILL Options -Glass-Mesh-Cable-Rail-Woven-Picket

A variety of infill options are available with all HDI Railing Systems to allow a designer to complement or contrast the railing to the interior spaces. Choose from various types of glass and metals. Metal infill can be railing pickets, perforated or woven stainless steel. Cable and cable mesh are also available.



INFILL Clear Glass



INFILL Opaque Glass



INFILL Mid Rail



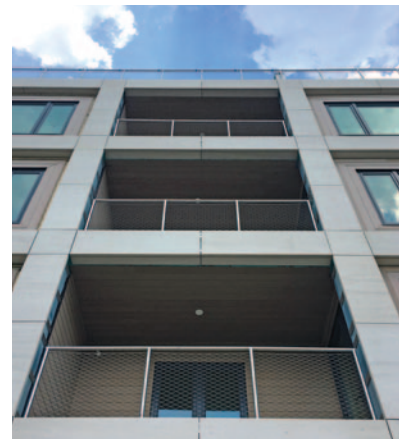
INFILL Picket



INFILL Perforated



INFILL Woven



INFILL Mesh

LED. Options to suit project conditions and your design requirements.

LINEAR LED LIGHTING

The LED lighted rail option is available in all HDI's railing designs, for both guardrails and wall mounted railings. LED lighted railing systems provide internal illumination using concealed, internally wired, LED-strip fixtures to illuminate walking surfaces adjacent to railings without light leaks. Our designs make provisions for servicing and for concealed connections to electric service. All LED railing by HDI is low voltage with special heat sink properties to keep rails cool indoors and outdoors. Stainless steel LED railings are energy efficient, low-voltage, safe and sustainable.

Design assistance:

All HDI LED systems can be customized using dimmers, color mixers, environmental needs, special beam angles, IES assistance, LED temperature control, sequencing, interfaces with Intelligent Control Systems and analog/digital controls and many other enhancements.

Coordination with other trades:

HDI will provide assistance for wire sizing, conduit runs and NEMA box selection.

Installation:

Only qualified personnel should perform HDI LED Rail installation, HDI will provide the technical bulletins covering Electrostatic Discharge (LED093), Remote Mounting Distances (LED126), Determining The Maximum Load For Power Supplies (LED026), and others.



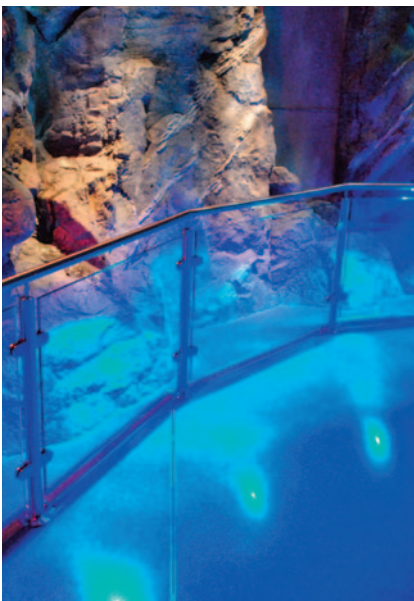
PUCK LED LIGHTING

All HDI Systems have an option of “puck lighting” which are single point light fixtures. These can be easily installed on site or at the factory.

Technical Information:

All HDI LED railings have IES files available for lighting designers and professionals. Power feed information is also available, please consult our sales team for more information. DHI has a variety of color temperatures and levels of power output including RGB, which can be controlled by DMX controllers. Beam spread angles are available for narrow, wide and asymmetric output.

Project: *One World Trade Center*



INTERNATIONAL PROJECTS



Dubai



Qatar



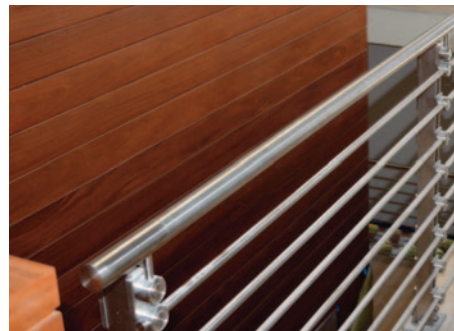
Mexico



Saudi Arabia



Qatar



Mexico



Saudi Arabia

HDI Railing Systems

For more information on our products, services and to find a sales representative near you, go to www.HDIRailings.co.UK. Or email us at info@HDIRailings.co.UK

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HDI Railing Systems provides a full range of architectural and contractor services from Technical Sales Managers to Qualified Installation Companies.

For pricing information contact a sales representative today at www.HDIRailings.co.UK

Colors and finishes may vary from those shown. Please contact HDI for actual samples.

The specification of HDI Railing Systems may be helpful in earning LEED® credits in the following areas including but not limited to: recycled content, redirect panel program, indoor air quality, local/regional materials, daylight and views.

Please contact HDI for their LEED Statement; information is intended for general use; please verify LEED credit eligibility with a certified LEED AP.