ARCHITECTURAL RAILING SYSTEMS

Glass Railings/Balustrades | TAPER-LOC® Railing Systems
Aluminum Railing Systems | Welded Railing Systems | Post Railing Systems
Windscreens | Component and Accessory Items Complement Each Product Line
New Products Designed and Engineered for Commercial and Residential Needs

C.R. LAURENCE COMPANY
WORLDWIDE MANUFACTURER AND SUPPLIER
Glazing, Architectural, Railing, Construction, Industrial, and Automotive Supplies
crlaurence.com  |  usalum.com  |  crl-arch.com
Our award-winning GRS Glass Railing System has just received ICC-ES® approval. This means that this documented, certified, and proven railing system eliminates the cost and time delays often required for project specific engineering. We are proud to say that it’s the first glass railing system to have ever received this approval.

This criteria covers the design and testing compliance with Section 2407 of the IBC and Section R312 of IRC.
Installation/Removal Tool With Integrated Torque Wrench that works with All TAPER-LOC® Tapers

1. Adhere TAPER-LOC® L-Setting Blocks to the bottom edge of glass.

2. Install TAPER-LOC® Tapers with CRL’s TLK12 Installation/Removal Tool to lock the glass securely in place.

3. Roll in the top glazing vinyl and you’re done

• Glass Railings Designed, Tested, and Engineered by CRL for Commercial or Residential Applications
• Reduces Installation Time By 50%
• Supports 1/2” (12 mm), 19/32” (15 mm) and 3/4” (19 mm) Monolithic Tempered Glass
• Also Designed for Laminated Glazing Applications 9/16” (13.52 mm), 11/16” (17.52 mm), 27/32” (21.52 mm), 1-1/16” (25.52 mm)

The installation process just got easier with CRL’s patented Horizontal TAPER-LOC® dry glazed design. Designed for both commercial and residential applications, this is just the system architectural railing installers have been waiting for. This new system will reduce your installation time by more than 50%, and has been tested and engineered to meet the strictest building code requirements.

U.S. Patents 6,122,654 and 8,201,366/Commonwealth of Australia Patent No. 200820752
1) GRS Radiused Stainless Steel Glass Railing System with Cap Rails
2) GRS Stainless Steel Glass Railing System with Cap Rails and HRS Hand Rails
3) GRS Radiused Stainless Steel Glass Railing System with Custom Low Profile and HRS Hand Rails
4) SRS Stainless Steel Standoff Railing System with HRS Hand Rails
5) GRS Radiused Glass Railing System Balconies with Cap Rails
6) GRS Stainless Steel Base Shoe combined with SRS Standoff
   Railing System with Cap Rails and HRS Hand Rails
7) GRS Glass Railing System Bridge with Cap Rails
8) GRS Stainless Steel Glass Railing System with HRS Hand Rails and
    Custom-Fabricated Stainless Steel Post System
CRL manufactures a comprehensive selection of Post Railing Kits that combine the durability of stainless steel components with innovative designs and engineering. Designed for interior or exterior hand rail and guard rail applications, these low maintenance stainless steel posts come ready to install. We make selecting post railing systems easy with our Quick Pick P1 and P7 Post Kits. All you have to do is choose the post style, glass fitting type, and mounting method and you’re done. We offer both fixed and swivel saddles.

Choose From Three Popular Glass Fitting Options (see below)

- 42" (1067 mm) Tall Round or Square Post Configurations
- 55" (1416 mm) Tall Round or Square Blank Posts Available
- Blank Post to be Drilled for Glass Fittings by Customer

Quick Pick
RED-E Ship

Adjustable Standoff Saddle Post

Stock Post Kits for Level Areas

Factory Welded Base Flange

Swivel Saddle Options

Blank Posts for Ramps and Stairs

Surface Mount Stanchions for Special Conditions

Fascia Mount Brackets

Fixed Saddle Options

Vertical Adjustable Standoff Saddles
CRL manufactures Standoff Railing Systems. By specializing in the design and manufacturing of this innovative system, we offer you the ability to create custom railings that will address project-specific criteria. Rest assured that the products we offer represent the current evolution of the railing industry because product development is an ongoing process at CRL.

NEW! Square Profile is now available to give you more design flexibility. Square Caps provide a distinct geometric accent that’s ideal for contemporary applications.
Hansen Architectural Systems—part of the CRL family of brands—has over 20 years of experience specializing in the design, fabrication, and installation of aluminum railing systems. It’s a name trusted by the industry, and we’re proud to offer their full line of quality systems.

You can select from several high-performance systems for most any application. They include Glass Guardrails, Glass Windscreens, Cable Railing Systems, and traditional Picket Railing Systems. There are eight top rail styles to choose from, as well as eight standard finishes (custom finishes available).
Our Aluminum Windscreen System is developed to provide an attractive, maintenance-free glass wall that's perfect for residential or commercial projects. The system incorporates large glass panels with subtle aluminum framing to preserve views while creating a functional barrier against air currents. Round and rectangular profiles are available.

All Aluminum Windscreen Systems can be used in conjunction with a concrete slab, block wall, or individual footings. If our stock components don’t fit your specification, allow us to design a system that can. CRL has the ability to design, engineer, and fabricate custom systems that will not only meet your needs for safety and security, but also your aesthetic preferences.
CRL’s Frameless Glass Windscreen Base Shoe System and Frameless Windscreen Brackets are designed to provide an attractive, maintenance-free glass wall that will enhance any residential or commercial application. This system offers virtually unobstructed views for glass windscreen or fencing requirements. (Not designed for guard rail applications). CRL’s Frameless Windscreen Systems are innovative glass wall systems that provide an almost invisible “frameless” look without vertical posts used between the panels of glass. They are solely supported from the bottom by aluminum base shoes or high strength stainless steel clamps.

Our **NEW Point Supported Mini Posts** can be used in a variety of windscreen applications. Their frameless design provides unobstructed views and attractive, all-glass aesthetics.
CRL ARS AND AWS GATE HARDWARE

Top and Bottom Patch Gate Rails are available in polished and brushed stainless finishes, with matching sidelite rails available. Rails are supplied with our standard Kwik-Adjust® Pivot Alignment System. Closer Arms and Floor or Overhead Pivots are ordered separately. Stainless Steel Post Kits for Gates are designed for use with hinges or patch hardware. An assortment of Pivots, Fittings, Closers, Latches, and Hinges provide options for various gate designs.

CRL ARS AND AWS GATE SYSTEMS

Let CRL Railing Technical Sales assist you in designing a gate system based on either our ARS (Aluminum Railing System) or AWS (Aluminum Windscreen System). The two systems offer distinctly different styles to choose from. The innovative Platinum Series Fully Framed Architectural Gate System is yet another choice. These gates are completely designed, engineered, and manufactured by CRL. Finally, please take a moment to review our Premium Formed Stainless Steel Gate System. It is ideal for high-end pool fencing or barrier applications. Gate hinge and lock options provide flexibility of design.

CRL GRS GLASS GATE SYSTEMS

• Cap Railing Swinging Gate Systems
• Models With Glass Ready to Install
• Self Closing Systems Available

CRL GLASS GATE HARDWARE

• Dry Glaze Top / Bottom Patch Gate Rails
• Stainless Steel Post Kits
• Gate Hinges • Locks and Latches
• Gate Hardware Pivots, Fittings, and Closers

Hinges, Latches, Hydraulic Gate Hinge-Closers, and Security Locks are just some of the hardware items used to complete our ARS (Aluminum Railing System) and AWS (Aluminum Windscreen System) Gates. Popular names such as Tru-Close®, Adams Rite®, Jackson®, and Lokk-Latch® bring name recognition to many of the component hardware items.

PHONE: (800) 421-6144 Ext. 17730 | FAX: (800) 587-7501 | E-MAIL: railings@crlaurence.com
Designed for interior and exterior glass balustrade applications, CRL’s “Rail Glass” is fabricated and tempered in accordance with ANSI Z97.1, and CPSC 16 CFR1201. All “Rail Glass” is available in two stock sizes. Custom sizes, fabrication, and edge work is also available upon request.

CRL MONOLITHIC TEMPERED GLASS RAILING PANELS

- Clear Tempered and Low Iron Starphire® Glass Types
  Available for Use With CRL’s GRS Glass Railing Systems
- Flat Polished Vertical Edges, Horizontal Seamed Edges Standard
- 48” and 60” (1219 and 1524 mm) Wide Glass Panels in Stock
- Custom Sizes, Fabrication, and Edge Work is Also Available
- Works With CRL’s Patented Dry Glazed TAPER-LOC® System
- Designed for Use With CRL’s Monolithic Base Shoes
- Also Designed for Use With CRL’s New 30% Lighter 8B Series Base Shoe

CRL LAMINATED TEMPERED GLASS RAILING PANELS

- Laminated Clear Tempered and Low Iron Starphire® Glass Types
  Available for Use With CRL’s GRS Laminated Glass Railing Systems
- Flat Polished Vertical Edges With CRL’s “Precise Edge” Technology
- 48” and 60” (1219 and 1524 mm) Wide Glass Panels in Stock
- Custom Sizes, Fabrication, and Edge Work is Also Available
- Works With CRL’s Patented Dry Glazed TAPER-LOC® System
- Also Designed for Use With CRL’s New 30% Lighter 9BL Series Base Shoe
- Meets IBC 2015 Building Code Requirements

CRL’s Laminated “Rail Glass” panels for glass balustrade applications meet the test criteria of ASTM C1172, ANSI Z97.1, and CPSC 16, and CFR1201 standards, and are produced with a rigid ionoplast interlayer. Our “Precise Edge” Technology dramatically improves the edge quality of laminated glass and gives each flat polished edge a consistent clean look and feel. All Laminated “Rail Glass” is available in two stock sizes. Custom sizes, fabrication, and edge work is also available upon request.
CRL’s **HRS Hand Rails** is designed for stairways, ramps or anywhere that requires the need for A.D.A. compliant assist rails. CRL offers a wide range of component parts for almost every application. Offered in five standard architectural finishes for wall mount, post mount, and glass mount applications. Custom fabrication and finishing is also available.

Take advantage of our optional **NEW** LED Lighting System for HRS Hand Rails to improve visibility and safety, while creating dramatic visuals that can’t be ignored.
HAND RAILS ONLINE®

PRODUCES A COMPLETE QUOTE PACKAGE INSTANTLY

Glass Magazine Crystal Achievement Award Winner: "Most Innovative Industry-Specific Software"

- Produces a Complete Quote Package Instantly
- Accessed from Your Computer, Phone or Tablet.
- Produces a Full Color 3D Rendering and Dimensioned Plan View for Field Installation
- Generates Quotes/Orders in Minutes
- Allows You to Order Material Directly From Your Computer
- Determines All Material Quantities Needed for Each Project
- Produces All Glass Sizes Needed for Your Railing or Windscreen Job

TRY OUR 30 DAY FREE TRIAL

crlaurence.com/hrol
CRL has the ability to engineer and fabricate virtually any architectural design. Our state-of-the-art manufacturing facilities offer rapid customization capabilities so you can get the glazing systems you need to meet the spec and schedule. CRL can customize an array of products for projects of all scopes, from high-rise residential to mixed-use developments. Rest assured knowing that our systems have been rigorously tested to meet the latest industry standards for quality and performance.

CityCenter Las Vegas: project included Custom Fabricated Stainless Steel LED Lighted Railing and Hand Rail Systems, as well as Custom Glass Wall Systems and Architectural Metals.
Welcome to crl-arch.com

YOUR ONLINE ARCHITECTURAL RESOURCE

CRL-ARCH.com is your portal to C.R. Laurence Company Architectural Products and Services. CRL-ARCH.com is the online reference for CRL architectural systems including U.S. Aluminum, Blumcraft, and Jackson. CRL-ARCH.com is a valuable reference tool designed with the architect, engineer, and specifier in mind. Here you will find easy access to CAD drawings, BIM objects, CSI format specifications, engineering reports, LEED® statements, project galleries, and our extensive library of catalogs.

CRL Master and Specialty Catalogs

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- 23 FRAMELESS SHOWER DOOR HARDWARE
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53R GLASS AND GLAZING HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- 73 TOOLS, MACHINERY, AND EQUIPMENT
- 83 DOOR AND WINDOW REPLACEMENT HARDWARE

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