

ARCHITECTURAL HARDWARE

GLASS ENTRANCES AND STOREFRONTS



MANUFACTURED BY C.R. LAURENCE COMPANY

- 'All-Glass' Entrance and Storefront Systems
- Panic Handle Systems
- Commercial Patch Hardware
- Heavy Glass Door Systems
- Structural Glass Fittings
- A Full Line of Complementary Accessory Items



ISO 9001:2008 Certified
C.R. LAURENCE COMPANY
crlaurence.com | Worldwide Supplier

A COMPLETE LINE OF HARDWARE FOR THE CONTEMPORARY 'ALL-GLASS' LOOK

INNOVATION



Heavy Glass Sliding Door System



Door and Sidelite Rails, Patch Fittings



SPS Stacking Partition System for Heavy Glass

STYLE



Spider Fittings



Standoffs



Glass Awning Support System



Glass Clamps

QUALITY



SDR Bottom Rolling Sliding Door System



Deadbolt Handles



Panic Handles

ANSI/BHMA A156.3-2001 Grade 1 Panic Handle and ANSI/BHMA A156.16-1997 Grade 1 Deadbolt Handle for 'All-Glass' Doors



2-5/16" Low Profile 4" Tapered 4" Square 6" Square 10" Square

- Adjustable Door Alignment System Allows Jamb Line Adjustment Without Removing Door
- Solid Aluminum Rail, Rigid Single Component Housing Will Not Shift and Fall Out of Alignment Over Time Because the Housing is Not Made of Two Halves
- Door Rails Come Completely Fabricated So Door Assembly Can Be Ready for Installation in Less Than 10 Minutes
- Dry Glazing Allows Easy Field Glass Replacement
- Glass Securing Pads Designed for Longevity in Extreme Environments
- Available With or Without a Lock
- Six Popular Stock Finishes
- Custom Finishes, Lengths and Heights Available
- Stocked for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Tempered Glass

Patented Wedge-Lock™ Glass Securing System

CRL's patented Wedge-Lock™ Glass Securing System is a totally original concept for securing the glass in the Door Rail. No more fumbling with multiple pieces, trying to align them properly. No more time wasted waiting for cement to dry, or in clean up.

The Wedge-Lock™ System works by applying pressure evenly along both sides of the glass. Simply tighten the jaw screws, accessed from the hardware pocket of the rail. The screws then draw down a flat stainless steel bar. The steel bar in turn pulls down the gripping jaws. This action then forces the jaws towards one another, creating a tremendous amount of force against the glass, holding it securely in place. CRL's Wedge-Lock™ Glass Securing System is so unique that it is covered by U.S. Patents 6,434,905 and 6,912,818 B2. Foreign Patents Pending.

new!



Low Profile Door Rails

Only 2-5/16" tall for 1/2" (12 mm) tempered glass. Available in six finishes.



Laboratory Test

- Full Length Door Rails for Single or Double Doors in 2-5/16" Low Profile, 4" Tapered and 4", 6", and 10" Square
- Pull Tested to Nearly 7,000 Pounds



National Technical Systems, a certified laboratory, tested the Wedge-Lock™ Door Rail System at a temperature range from -10° to 150° F, with 1000 pounds of tension load applied. No evidence of movement was detected at any temperature. At an ambient temperature of 73° F, in a "Pull to Failure Test", 6900 pounds of tension was required before any creep (no failure was detected).



Made under the following: U.S. Patents 6,434,905 and 6,912,818 B2.



CRL's Kwik-Adjust™ Pivot Alignment System allows you to adjust the pivot alignment and edge clearances with the simple turn of a single screw, all without having to remove the door.



Door centering is easily achieved by turning the two hex head bolts

CRL SIDELITE RAILS, LOCKING LADDER PULLS, AND EGRESS HANDLES



CRL Sidelite Rails With Top Load Roll-In Gasket

- Five Styles in Up To Six Stock Finishes
- Sidelite Rails Match Door Rails for Even Sightline
- Top Load Roll-In Gasket for 3/8", 1/2", 5/8", and 3/4" (10, 12, 16, and 19 mm) Tempered Glass
- Extruded Saddle is Reversible to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Custom Heights Available on Special Order

The profiles of CRL's Sidelite Rails match perfectly with CRL Door Rails. Available in six finishes in 120" (3.05 m) lengths, and two finishes in extra long 240" (6.10 m) lengths, they match heights of both floor mounted and 1/2" (12 mm) threshold doors using our Reversible Saddle.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance



CRL Locking Ladder Pulls

- Works With 7-Pin Small Format Interchangeable Cylinder Cores
- Locks Operate at a Comfortable Height Above the Floor
- No Kneeling or Bending to Lock or Unlock Doors
- Seven Styles in Stock, Custom Sizes Available on Special Order
- Made of Durable Alloy 316 Stainless Steel Tubing
- Single and Double Locking Options Available
- 1-3/8" (35 mm) Long Deadbolt - All Units

The newest and most practical option for 'all-glass' entrances is CRL's new Locking Ladder Pulls. No more kneeling down to unlock the entry doors in the morning, or having to bend over after a long day at work to reach for the lock at the bottom edge of the door. Simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. CRL Locking Ladder Pulls have a fully concealed deadbolt locking mechanism with models available that lock into the floor, both floor and head, and Horizontal Pulls that lock into a jamb or sidelite. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass.

CRL Panic, Electronic Egress, and Deadbolt Handles

Certification: UL305, ULC/5132-93, and ANSI/BHMA A156.3-2001, Grade 1 Certified.

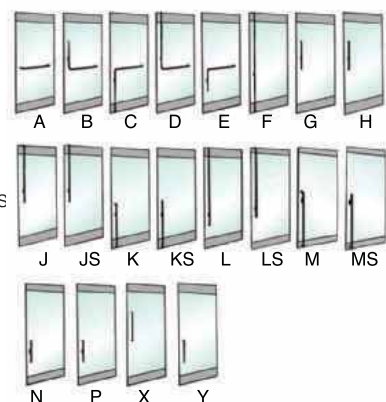


- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Can Be Used as a Replacement for Older Handles
- Optional Keyed Access and Electric Strike
- Available With a Wide Selection of Exterior Fixed Pull Handles on Special Order
- Matching Dummy Handles Available for All Styles
- Available in Polished or Brushed Stainless Steel, Satin and Polished Brass, and Oil Rubbed Bronze (Special Order)

Interior (Operating) Handle Options



Exterior Handle Combinations for CRL Panic, Deadbolt or Electronic Egress Control Handles



Panic Handles



Electronic Egress Handles



Deadbolt Handle



CRL Wet/Dry Glaze U-Channel

- Accepts 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Offered in 1", 1-1/2" and 2" (25, 38, and 51 mm) Heights
- 120" and 240" (3.05 and 6.10 m) Stock Lengths Available in Seven Finishes
- Custom Finishes Also Available



U-Channel

Wet/Dry Glaze U-Channels, provide the most economical way to glaze heavy glass. Using the Deep U-Channel on the top and the Shallow U-Channel on the bottom allows for the 'lift and drop' method of glazing. The glass can be secured with silicone sealant or our Top Load Roll-In Glazing Gasket.

CRL Overhead Concealed and Floor Mounted Door Closers

5 Year Limited Warranty
UL Listed

- A.D.A. 5 Lb. (Interior) and 8.5 Lb. (Exterior) Spring Size Models to Meet A.D.A. Opening Force Requirements
- Available with Adjustable, Light, Medium or Heavy Spring Size
- 90° or 105° Swing, Hold or No-Hold Open Functions



CRL Surface Mounted Door Closers

10 Year Limited Warranty
UL Listed

- Fixed and Multi-Size Adjustable Models
- Barrier-Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements
- Adjustable Backcheck is Standard



CRL Stock Headers for Overhead Concealed Door Closers and Custom Length Door Headers With Glazing Pocket

- Six Stock Finishes
- Available in 4" or 4-1/2" (102 or 114 mm) Widths for 3/8", 1/2", 5/8", and 3/4" (10, 12, 16, and 19 mm) Tempered Glass



36" Single Door 72" Double Door



Fixed Panel Section with Glazing Gasket

Header Section



Custom Lengths with Sidelite Glazing Pocket

CRL Floating Header for Overhead Concealed Door Closers

- Available for 1/2" or 3/4" (12 or 19 mm) Glass-to-Glass or Glass-to-Wall Installations
- Stock 36" (914 mm) Single and 72" (1829 mm) Double Headers, With Custom Sizes Available
- Available in Six Stock Finishes



CRL Combination Wide U-Channel and Narrow Header

CRL Regular and Shallow U-Channel With Top Load Roll-In Gasket

- Available in Stock Lengths, Fabricated Headers, or Headers with Side Pockets for "Lift and Drop" Panel Glazing
- Matches the Width of Door and Sidelite Rails
- Accepts Roll-In Gasket, Top Pivot Block, and Flush Snap-In Insert
- Accepts 3/8", 1/2", 5/8", and 3/4" (10, 12, 16, and 19 mm) Tempered Glass
- Custom Sizes and Finishes Available

Combination Wide U-Channel and Narrow Header



Regular U-Channel with Aluminum/Neoprene Setting Block

Shallow U-Channel

Complete Line of Heavy Glass Door Pulls and Center Lock Housings

- Custom Finishes and Sizes Available
- Beautiful Accessories for Frameless 'All-Glass' Entrance Doors and Sidelites



CRL COMMERCIAL GLASS DOOR SYSTEMS



CRL SDR and SSR Bottom Rolling Sliding Door Systems

- Variety of Styles and Finishes Available for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Each Unit Custom Built to Fit the Opening
- Saves Valuable Floor Space - Will Not Project Out of the Door Opening



CRL Laguna Series Sliding Glass Door System

- Contemporary New Look for the Office or Home
- All 316 Alloy Brushed Finish Stainless Steel
- Ideal for Interior Room Applications
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Anti-Lift Safety Feature



CRL Laguna Series Pivot Door System

- Contemporary Look
- Mix and Match for Various Configurations
- Maximizes Glass and Minimizes Hardware
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Free Swinging or Use With Floor Mounted Door Closer



CRL Top Hung Sliding Door Systems

- CRL80 and CRL180 Hardware Systems for 5/16", 3/8" or 1/2" (8, 10, or 12 mm) Thick Tempered Glass
- R130 System for 3/8" and 1/2" (10 and 12 mm) Glass is Rated for Panels Weighing Up to 297 Lbs. (135 kg)
- Overhead Track Sliding and Bi-Fold Systems
- No Notches or Holes Necessary for Installation
- Typical Applications Include Displays, Office Partitions, and Room Dividers



CRL Patch Hardware Systems

- Provides Frameless Storefront Appearance
- Allows Combination of Aesthetics and Versatility
- A Complete Selection of Products Including Patch Fittings, Inserts and Pivots, Lever Locks and Latches, Concealed Overhead and Floor Closers, Door Handles, and Many More Accessories





SPS with convertible doors in the closed position



SPS with panels operating as swinging doors



SPS with doors stacked

Elegantly Partition a Large Space with CRL's Versatile Stacking Partition System Now Available With Convertible Doors

- For Glass, Wood or Aluminum Doors
- A Large Variety of Parking Configurations to Accommodate Almost Any Installation
- Easily Convert from Swinging to Sliding Doors

The popular CRL Stacking Partition System (SPS) featuring Intelli-Track™ has been improved to include Convertible Sliding/Pivoting Doors. Now you can have what appears to be a standard 'all-glass' entry with pivoting doors that can be quickly and easily converted to sliding stacking panels that park out of the way leaving you with a wide open entrance.

The SPS System has been designed to provide virtually unlimited possibilities in the design of moveable glass dividing walls. It offers standard pivoting doors with full sliding and stacking capabilities allowing you to control accessibility while being able to easily open up any space when needed. They're ideal for storefronts and malls, allowing full visibility of merchandise combined with the flexibility to be stored conveniently out of the way quickly and easily. Restaurants, sidewalk cafes, and nightclubs can easily expand their indoor/outdoor seating space.

CRL's unique bottom rails with fully concealed closers inside eliminate unsightly floor closers, while keeping all of their features and benefits. No obtrusive headers found here, just a simple gearbox at the head, which allows you to convert from swinging to sliding doors and back again with the turn of a single screw.

SPS utilizes CRL's patented Wedge-Lock™ Glass Securing System found in their popular Door Rails. A variety of rail configurations, functionalities, and finishes are available.

TYPICAL APPLICATIONS:

- Retail Stores and Malls
- Convention Centers
- Restaurants, Eateries
Sidewalk Cafes
- Automobile Dealerships
- Banquet Halls
- Reception Areas
- Stadium Club Boxes



- Intelli-Track™ Rollers Work With Both Manual and Self-Guiding Intersections to Provide Directional Control and Prevent Accidental Panel Rotation
- Two Rollers per Panel Will Support 470 Pounds (213 kg)
- Narrow Housing Design Allows for 2-7/8" (73 mm) Center-to-Center Door Rail Spacing in the Parking Area

Popular SPS Parking Configurations

Perpendicular Parking

Right Hand Illustrated



Parallel Parking

Right Hand Illustrated



135 Degree Perpendicular Parking

Right Hand Illustrated



CRL Structural Glass Railing System With Gate

- Variety of Applications: Mezzanine Railings, Stairways, Escalator Alcoves, Windbreaks, Observation Decks, Balustrades
- Systems for 1/2" and 3/4" (12 and 19 mm) Thick Tempered Glass
- Custom Fabricated to Your Dimensions, or Stock Lengths Available



Swinging Gate





CRL Heavy Glass Railing System

TAPER-LOC™
DRY GLAZE RAILING SYSTEM

The installation process just got easier with CRL's innovative GRS Glass Railing Dry Glazed TAPER-LOC™ System. 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.

- Designed for Commercial or Residential Applications
- Available for Both Laminated Tempered and Monolithic Tempered Glass Applications
- Meets and Exceeds Code Standards
- Reduces Installation Time By 50%
- No Clean Up or Mixing of Messy Wet Cement
- Miami-Dade County Certified and IBC Compliant
- For All Engineering and Testing Reports Visit crlaurence.com

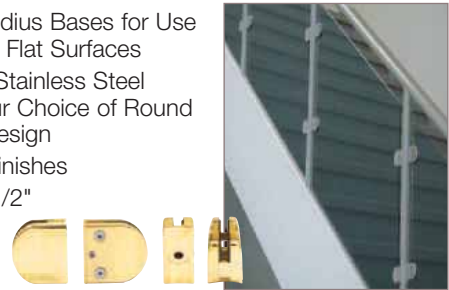
CRL Standoff Display System

- Can Be Used Indoors or Outdoors and Combined With CRL's Edge Grips or Swivel Fittings to Create Unique Displays
- Infinite Design Options Including Signage, Furniture, and Retail Displays



CRL Z-Series Glass Clamps

- Choice of Flat or Radius Bases for Use on Round Tubing or Flat Surfaces
- Available in Zinc or Stainless Steel Construction, in Your Choice of Round or Square Corner Design
- Up to Eight Stock Finishes
- Models for 1/4" to 1/2" (6 to 12 mm) Thick Tempered Glass



FOR MORE INFORMATION ON OTHER CRL PRODUCTS SEE SWEET'S SECTIONS:

05 58 00/CRL-8838 COLUMN COVERS	08 44 26.11/CRL-8621 STRUCTURAL GLASS CURTAIN WALLS	10 28 19/CRL-3068 TUB & SHOWER DOOR ENCLOSURES
05 73 00/CRL-5341 STRUCTURAL HEAVY GLASS RAILING	08 56 59/CRL-4964 SERVICE WINDOWS	10 71 13/CRL-8843 EXTERIOR SUN CONTROL DEVICES
07 42 00/CRL-8840 ROOFING AND SIDING PANELS	08 71 00/CRL-3069 DOOR HARDWARE	11 18 00/CRL-6331 BULLET-RESISTANT PROTECTION
08 42 00/CRM-4545 ENTRANCES & STOREFRONTS Facilities & Owners	08 71 00.14/CRL-7154 STACKING PARTITION SYSTEMS	11 46 16/CRL-5592 SNEEZE GUARDS /PARTITION POSTS

CRL Specialty Catalogs - Can be ordered, viewed or downloaded online at crlaurence.com



Architectural Metals
AM09



Architectural Hardware
AH11



Commercial Door Handles
LP11



Frameless Shower Door Hardware and Supplies
SD10



Hospitality & Service Hardware
HS07



Architectural Railing Systems
HR11



Door Controls Hardware and Accessories
DC07



Transaction and Security Hardware
TH10



Glass Bonding System
GB10

Technical Sales
 For All Your Project Requirements



C.R. Laurence Company has a Technical Sales Department to assist with design plans and installation questions. Your job can be made easier with the help of CRL's Technical Sales Representatives who are trained in the newest Hardware Systems, and can offer you detailed diagrams and layout sheets. Ask for Extension 7700.

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SWEET'S 10-AH GLASS ENTRANCE