

NEW **GRS GLASS RAILING** **DRY GLAZE TAPER-LOC SYSTEM***

MANUFACTURED BY C.R. LAURENCE COMPANY

- *Designed for Residential and Commercial Applications*
- *Supports All Mounting Methods With One Compact Installation/Removal Tool*
- *Reduces Installation Time By 50%*
- *For 1/2" (12 mm) and 3/4" (19 mm) Tempered Glass Applications**



TLK5 Tool Kit

INSTALLATION/
REMOVAL TOOL



TORQUE WRENCH

TL5W10 Taper-Loc Set



TAPER-LOC SET FOR 1/2" (12MM)
OR 3/4" (19 MM) GLASS



Glass Railing Installers - the installation process just got easier with CRL's innovative Taper-Loc dry glazed design. Installation time is reduced by 50% while still exceeding code standards. Designed for both residential and commercial applications, this is just the system architectural railing installers have been waiting for.

- Apply the Shoe Setting Plates to the bottom glass edge and lower the panel into position



STEP 1

- Install the horizontal Shim Plates with CRL's Installation/Removal Tool to lock the panels in place



STEP 2

- Roll in the glazing vinyl and you're done



STEP 3

* PATENT PENDING ▼ NOT RECOMMENDED FOR LAMINATED GLASS APPLICATIONS

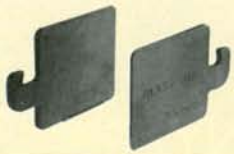
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STANDARD SYSTEM COMPONENTS



TAPER-LOC SHIM PLATES: High strength plastic Shim Plates that expand in thickness when compressed together with the Installation/Removal Tool, mechanically locking the glass panel into the Base Shoe. The Installation/Removal Tool will also loosen the Shim Plates for glass panel alignment, or replacement, by moving the plates apart from one another.



TAPER-LOC SHOE SETTING PLATE: High strength plastic "L" shaped Plate that spaces the glass away from the Base Shoe's vertical wall and bottom edge. The Plates are attached to the glass panel with an adhesive tape strip that is pre-installed on each Shoe Plate. The Plates serve to insulate the glass panels from damage during insertion into the Base Shoe and, at the same time, center the glass in the pocket.



HEAVY ALUMINUM BASE SHOE: CRL's B5S and B7S high strength aluminum extrusions have been manufactured and load-tested as an assembly with the Taper-Loc System.

Important!!! Base Shoe used with the Taper-Loc System must meet the following glass receiving pocket width dimensions and tolerances:
For 1/2" (12 mm) glass the pocket width must be 1.00" +0.00" or -0.020"
For 3/4" (19 mm) glass the pocket width must be 1.25" +0.00" or -0.020"



BASE SHOE ANCHOR BOLTS: When mounting the GRS Glass Railing Base Shoe to a concrete substrate use CRL's heavy-duty expansion Concrete Anchors. When mounting the Base Shoe to a steel substrate use Socket Head Cap Screws for attachment. These Anchor Bolts have been engineered and tested to meet guardrail code requirements, and are supplied by CRL.



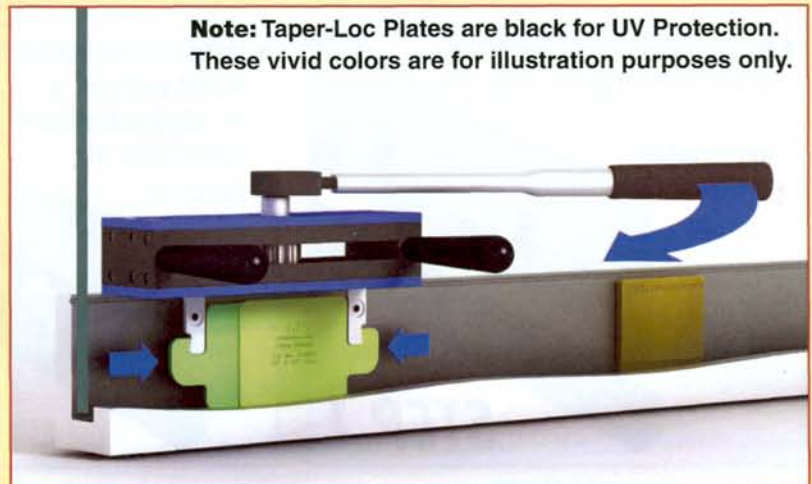
BASE SHOE CLADDING AND END CAPS: CRL Cladding and End Caps allow the user to match any of the five architectural finishes offered for the product line. It is secured to the Base Shoe using High Strength Adhesive Cladding Tape or Neutral Cure Silicone Sealant.



AVAILABLE TOP CAP RAILS: CRL's Premium Cap Rails are sold in diameters from 1-1/2" (38.1mm) to 4" (101.6mm). Square profiles are available from 1-1/2" (38.1mm) to 2-1/2" (63.5mm). CRL takes pride in our manufacturing capabilities. Every Top Rail is manufactured and formed by state of the art precision tooling to maintain uniform profiles.



OPTIONAL HAND RAIL AND BRACKETS: CRL's Hand Rail Tubing is sold in diameters from 1-1/2" (38.1mm) to 2" (50.8mm). Square Hand Rails are available in a 1-1/2" (38.1mm) profile. Hand Rail Brackets and Accessories are also available in five architectural finishes.



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