

The CRL TAPER-LOC™ Dry Glaze System

State of the Art

Vs.

Traditional



Prior to the introduction of the CRL TAPER-LOC™ Dry Glaze System, installing glass railings had been a messy, labor-intensive ordeal. After attaching the heavy Base Shoe to the structure, workers would have to go back and seal every joint and fastener in an effort to make the Base Shoe watertight. Blocking would then be placed into the Base Shoe to ensure there was no contact between the glass and the heads of the fasteners that permeated the bottom of the Base Shoe. Then the glass would have to be carefully set on top of those blocks. Numerous wedges would have to be inserted into the bottom base at both sides of the glass in an effort to plumb the glass vertically, as well as to align one glass panel with another.

At this point, many installers would do a "pre-pour" of only about a third of the required quick-setting cement to secure the glass and allow them to remove the temporary wedges. Once again, more wedges would be carefully inserted to maintain the glass in its vertical position, but this time they would be smaller so that when they were removed

there would be less 'spot' touch-up work to be done after the final pour was completed.

The process of pouring the cement in itself is very time consuming and quite messy. Even seasoned installers have a hard time keeping the Base Shoe and surrounding surfaces free from splatter and spillage. Also, if the Base Shoe was not properly sealed, leaking cement could damage the floors and walls. Finally, after time consuming clean up of the cement, a cap bead of caulking would have to be applied to both sides of the glass to hide the cement and protect it from the elements in an exterior application.

For those applications where the tried and true wet glaze process is required, CRL has developed a complete line of tools and accessories to reduce the stress and time involved. See the Wet Glaze section on pages H622 to H623 of this catalog, or visit our web site at crlaurence.com.

Now You Have an Alternative

Introducing the CRL TAPER-LOC™ Dry Glaze System. No longer do you have to deal with messy cement. Our TAPER-LOC™ Dry Glaze System not only self-centers the glass, but plumbs it as well, and is all done from the floor side of the railing. The key to the system is plumbing the Base Shoe during installation. When installed properly, the glass panels will self-center and plumb themselves to match the Base Shoe.

This is done by adhering the required number of L-Pressure Blocks onto the bottom edge of the glass panel, then positioning the glass into the Base Shoe and simply inserting the TAPER-LOC™ Tapers opposite the L-Pressure Blocks, and then squeezing the Tapers together finger tight. Using the Installation/Removal Tool place into position onto the Tapers and push them down into the base shoe. Next, crank the Torque Wrench until the wrench clicks and breaks for a few degrees letting you know the Tapers are locked to the correct measured torque. Once the Tapers are in the locked position, your glass is not only secure but plumb, centered, and ready for a cap bead of caulking or roll-in vinyl. Glass panels are just as easy to remove. Simply reverse the torque setting on the Installation/Removal Tool and apply force to open the Tapers.



TAPER-LOC™ Sets consists of one L-Pressure Block and two Taper Shims