

GlassWedge™ Installation:

1. PLUMBING SHOE MOULDING

Before completing attachment of *Shoe Moulding* for **GlassWedge™** to substrate – in multi-panel railings – take all necessary steps to assure that the mounted shoe is adjusted such that the inside channel of the shoe moulding is plumb to +/- 1/8" at an extended height of 42". Spend the time required to plumb the shoe to this tolerance since **the glass will only be as plumb as the shoe.**

PLUMBING PLATE KIT FOR GLASSWEDGE™

Plumbing Plate Kit for GlassWedge
Includes: Plumbing Plate, Isolator and Temporary Isolator Setting Tool. **GRPK1**

One method for plumbing the shoe is the **Plumbing Plate Kit.**

- a. Position **Plumbing Plate** with **Isolator** in **Shoe Moulding** and secure using temporary **Isolator Setting Tool.**
- b. Shim **Shoe Moulding** as needed until a level indicates vertical plumb. Refer to page 40 for **Shims.**
- c. Remove **Plumbing Plate** and repeat as needed to confirm plumb throughout your installation.



2. CLEAR THE SHOE MOULDING OF ALL DEBRIS

3. PLACE ISOLATORS

Slip **GlassWedge™ Isolators** on to bottom of glass panel and adjust to proper spacing shown above. *With Multi-Panel Railings, do not line up the edge of a panel with the end of the shoe – place the panels so that they span **PanelGrip™ Shoe Moulding** butt joints to assist in alignment.*



4. PLACE GLASS

Insert glass panel into the *base shoe*, adjust panel spacing and insert **Temporary Wedge Tool** between **Plumbing Plate** and **Shoe Moulding.**

*Note: With multi-panel railings, do not line up the edge of a panel with the end of the shoe – place the panels so that they span **PanelGrip™ Shoe Moulding** butt joints to assist in alignment.*



TEMPORARY WEDGE TOOL

Designed to allow aligning of the glass panel without the use of an aluminum wedge.

GlassWedge Temporary Isolator Tool **GWST1**



5. INSERT ALUMINUM WEDGES

Insert **Aluminum Wedges** at each **Isolator.** Use **Chisel** and **Hammer** to drive *wedges* into locked position. **Remove Temporary Wedge Tool.** Glass is now secure and ready for **Cap Rail** installation.



*Note: If you find the Aluminum Wedge does not set below the notch on the inside of the shoe, do not drive any further. Remove wedge and confirm dimensions on glass and **Shoe Moulding.***

6. INSERT SPACING PADS

Repeat with other lites of glass. Insert 1/4" **Spacing and Sealing Pads** between glass panels to prevent glass-to-glass contact. Use with **Rigid Spacer Blocks** for slant pours. Trim as required.

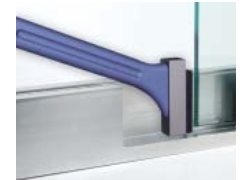
SPACER BLOCKS AND TOOL

1/4" x 3 3/16", Rigid Rubber with Adhesive
Required on stair or ramp installations to prevent the glass from sliding down. Trim height as required.

1/2" Glass	GR5NSB
3/4" Glass	GR7NSB
Spacer Block Tool	RSB1T



Sealing Pad



SPACER BLOCKS AND TOOL

1/4" x 3 3/16", Rigid Rubber with Adhesive
Required on stair or ramp installations to prevent the glass from sliding down. Trim height as required.

1/2" Glass	GR5ASB
3/4" Glass	GR7ASB



Spacer Blocks

7. SEAL TOP OF SHOE

Once glass is properly positioned, seal gap at the top of the **Shoe Moulding** using the **Gasket** below. Spray glass cleaner onto glass to facilitate insertion of gasket.

GASKET - BLACK 1/2" wide x 7/16" high.

Gasket 25'	GR9398-25
Gasket 50'	GR9398-50
Gasket 100'	GR9398-100
Gasket 500'	GR9398
Vinyl Roller Tool	VR04



8. REMOVAL OF GLASS

The **GlassWedge Removal Tool** may be used to remove the aluminum wedge thereby releasing the glass from the **Shoe Moulding.**

- Place the *tong* portion of the tool into the shoe opening such that the tongs slip under the aluminum wedge notches.
- Place the hook of the tool into the tong's slot.
- Slide the handle into the unit.
- Press down to lift the aluminum wedge out of the base.



WAGNER RAIL SYSTEM

GLASS RAILING

CABLE RAILING

SPIRAL STAIRS BALCONIES

ALUMINUM RAILINGS

BRASS / SS FITTINGS