WALL TO GLASS HINGE INSTALLATION INSTRUCTIONS

PHILLIPS LEAF SCREW

BACKPLATE

HINGE LEAF WITH INTEGRATED GASKET

2 - HEX LEAF SCREW (OPTIONAL)

#2 PHILLIPS HEAD SCREW DRIVER (NOT PROVIDED)

FLAT HEAD SCREW DRIVER (NOT PROVIDED)

4mm ALLEN WRENCH (NOT PROVIDED)

4 - #10 x 2" WOOD SCREW

STYLE OF HINGE PLATES MAY VARY DEPENDING ON SUITE
CAUTIONS

INSTALLATION GUIDELINES
1) Bath enclosures should be installed by an experienced bath enclosure specialist.

2) The enclosure and hardware must be installed per our published installation instructions. If the enclosure or hardware is not properly installed as directed by our installation instructions, hardware failure, leaking, glass breakage, and other unidentified issues may arise which will result in the nullification of the warranty.

3) Carefully remove all items from their packaging and inspect for damage. Identify all parts and components by referencing the instruction manual. Be sure to check all packaging for small hardware parts and accessories before discarding. If any parts are damaged or missing, please contact the dealer you purchased the items from. If you purchased directly from Portals Hardware, please contact us at 866.434.8187 for further assistance.

4) Before installation, check the curb and walls for plumb. If either is off more than 1/4" to 3/8", you should use a hinge shim to achieve plumb. Please visit www.portalshardware.com to search for ‘hinge shim’ to choose the appropriate hinge shim.

5) Portals Hardware hinges and clamps are designed to be used with specific glass cutouts or templates. Please see the appropriate glass cut or template for the item you purchase at www.portalshardware.com. All glass cutouts and templates are available under the ‘Specifications’ tab located on each item’s particular page. If you have any questions or concerns about using the Portals Hardware cutouts or templates, please call 866.434.8187 and speak to a hardware technician.

6) Wear safety glasses when drilling or cutting to avoid eye injury. When drilling holes in ceramic tile, marble or any glazed surface, use a center punch to carefully break the surface glaze so the drill can penetrate easily without skidding. Failure to do so can cause the drill to skid across the surface causing damage to surface and possible personal injury.

7) Please refer to the instruction manual when using tools and use proper caution and technique to avoid property damage and/or personal injury.

GENERAL USAGE AND HANDLING
1) Shower doors are designed to direct water to the interior of the shower enclosures under normal conditions. They are not leak proof and excessive water on the shower door can result in leaks.

2) Do not use towel bars or handles as a grab bar or support. They are not designed or intended to be used as a support for getting in and out of a bathtub or shower. They are not intended to support a person’s weight and to use them as a support could result in damage to the towel bar or pull or result in personal injury.

3) Shower doors are not intended to be used with excessive force when opening or closing. Excessive force used when opening a shower door could result in breakage of the shower door or personal injury.

GLASS USAGE AND HANDLING INSTRUCTIONS
1) TEMPERED GLASS CANNOT BE CUT OR DRILLED. Attempting to cut or drill tempered glass will result in the glass shattering or breaking and could result in personal injury. Tempered glass is designed with strict safety protocol and cannot be altered after it is tempered. Please be sure to verify hole placement and cutouts before the glass is tempered as it cannot be altered once it is tempered.

2) ALWAYS USE CAUTION WHEN HANDLING GLASS PANELS. Tempered glass is resistant to breakage but it can still break or shatter if uneven or incorrect pressure is applied to it during installation.

3) ALWAYS PROTECT THE CORNERS AND EDGES OF THE GLASS. The edges of the glass should NEVER come in contact with any hard surface (concrete, tile, granite, marble, etc). Damage to the glass edges or corners could result in a delayed blow, or delayed breakage of the glass. ALWAYS check the edges of the glass for nicks, slivers, rough areas, bowed edges or fractures. DO NOT install the glass if there is any damage to the edges or the corners. In addition, the sharp corners of the glass can damage tiles, flooring and walls or cause injuries. Use caution at all times.

4) Portals Hardware is not liable for glass breakage of any kind.

CARE AND CLEANING
1) Portals Hardware recommends cleaning all of our products with clean water and drying with a soft cloth only. Do not use any abrasive or harsh chemicals on Portals Hardware products as this will nullify the warranty.

2) Different types of glass will have various cleaning requirements. Please be sure to contact your glass dealer for the proper cleaning procedure for your particular glass.

3) DO NOT USE ANY KIND OF SCOURING PAD OR CLEANSER, ACID-BASED CLEANSERS, SHARP INSTRUMENTS OR BLEACH TO CLEAN YOUR PORTALS HARDWARE PRODUCTS.

LIMITED LIFETIME WARRANTY
1) Portals Hardware offers a limited lifetime warranty on all of our products.

2) Portals Hardware products must be handled, installed and maintained per our installation and care instructions or the warranty will be nullified.

3) Portals Hardware is not responsible for glass breakage.

4) Portals Hardware limited lifetime warranty is transferable.

5) Please visit www.portalshardware.com or call us at 866.434.8187 to get copies of our published warranties and installation instructions.
Step 1

Verify package contents, as well as glass cutout dimensions (see portalshardware.com for templates).

Unscrew the leaf screws and detach the hinge leaf. If installing the hinge with the “mouse ears” in place, use a flathead screwdriver and make sure the pins are fully tightened. If installing without, use the flathead screwdriver to remove the pins.

Clean the integrated gaskets and mounting areas of glass with included alcohol prep pad to remove all debris and residue from the mounting surfaces. These surfaces must be clean to ensure a proper compression fit, and must also be free of any and all glass protective coatings.

Step 2

Place the hinge within the cutout, aligning the edge of the leaf with the edge of the glass. The portals logo should be on the inside face of the glass. Portals recommends “topping” the hinge within the cutout, i.e., aligning the top of the hinge with the top of the cutout.

Alternatively, the hinge can be centered vertically within the cutout; however, this installation method requires insertion of blocking material between the hinge and the top edge of the cutout to prevent the glass from shifting. The blocking material must be rigid and incompressible to function properly (call or visit portalshardware.com for more details).

Step 3

Secure the hinge leaf by evenly hand-tightening the leaf screws, alternating turns between screws. **Using a powered driver may result in damage!**

Recommendation use the provided Hex Screws and tighten down to a 12 NM.

Repeat process for additional hinges.

The gaskets will settle and compress, so **hand-tighten** the leaf screws again approximately 2 hours after all hinges have been installed.
Step 4

Check your walls to ensure they are level and plumb - the hinges will not function properly if installed on an irregular surface. Portals offers hinge shims in various sizes, which can be placed behind the backplate to correct offsets (call or visit portalshardware.com for more details).

Determine the centerline of the door and mark it with pencil or chalkline on the wall and on the curb.

Disclaimer

The installation procedure outlined here may not be suited for all mounting conditions: These conditions vary across installations and it is the responsibility of the installer to assess these conditions and determine the appropriate method of installation.

Step 5

Place two shims on the curb within a few inches of the outer edges of the door. Rest the door on the shims and position the door so the hinges rest against the wall and the door’s edge centers are aligned with the centerlines on the wall and curb. Make sure the door is plumb and level in this position, and mark holes for all hinges.

Remove the door and predrill holes using a 1/8” drill bit. Pre-threading the holes with standard hardware screws (not included) may reduce the likelihood of damaging the supplied screws.

Place the door back in position on the shims and mount the hinges using the supplied screws (lubricating the threads of these screws with bar soap or candle wax may reduce likelihood of damage). Covering the backplate and hinge leafs with masking tape during this step will protect their finishes. Portals recommends double-checking that the door is plumb and level before fully tightening screws. (It is not recommended that you use a Power drill. If you do, you must use a screw bit that is at least 4”-5” long so you don’t scratch the surface of the hinge.)

After all hinges are attached to the wall, work the hinges in by opening and closing the door several times.