RECOMMENDED INSTALLATION INSTRUCTIONS – WINTECH G70 SERIES

NAIL FIN 4040 SLIDER WINDOW INTO MASONRY/CONCRETE OPENING WITH PT LUMBER BUCK

SUPPLIES NEEDED

- □ Liquid-applied flashing membrane (OSI QUAD Flash, PROSOCO FastFlash or equivalent product/method)
- □ PVC, plastic, or composite shims @ 1½" wide
- □ Galvanized roofing nails x 2" long
- □ High quality, multi-purpose exterior-grade sealant
- □ Closed cell foam backer rod /sealant backer
- □ Window and door insulating foam sealant, low-pressure and low-expansion
- □ Drip cap/head flashing. Consult with building professional for application and placement details

1 PREPARE WINDOW OPENING

A. Verify buck is securely fastened and sealed to the masonry/concrete foundation wall. Masonry foundations may require additional preparation and sealing steps prior to buck fastening vs. concrete foundations including, but not limited to: mortar repairs of large cracks and voids, filling vertical cores under sill solid with concrete, and the application of liquid flashing for porous surfaces. Refer to flashing manufacturers' application instructions.

B. Verify buck is plumb, level, and square. Rough opening dimensions should be ½" larger is width and ½" larger in height than the window frame. Adjust as needed. See ***Spec Sheet*** under **Resources** for additional information**.**

C. Apply liquid flashing over the buck (plus additional exposed framing including headers) from the inside edge of the sill, extending onto the surrounding masonry/concrete to width of the trim to be used. Fill all gaps between the buck and masonry/concrete foundation including concrete saw overcuts. Refer to flashing manufacturers' application instructions.

D. Place and level three ¼" thick sill shims, ½" from each side and at center of opening. Secure to prevent movement. Note, shims should be cut ½" shorter than the window frame depth and recessed ¼" per side to allow sealant coverage.

2 SETTING & FASTENING WINDOW

A. Close operable sash and keep locked throughout installation.

B. Apply a continuous 3/8" rounded bead of sealant to the exterior edge of buck along the head and both sides. Apply a **discontinuous** 3/8" rounded bead of sealant to the exterior edge of buck along the sill, leaving a minimum 2" gap at each corner and every 8". Note, apply extra sealant at corners.

C. Insert window with the nail flange tight against the opening, and center left to right. Temporarily fasten by partially driving one roofing nail through the pre-punched nail flange hole at the top right and left corners. Plumb and square window by placing and adjusting three shims along each jamb; 1½" above the sill, 1½" below the head, and one at the center. Check square by measuring diagonally from top right corner to bottom left corner, and from top left corner to bottom right corner. Note, shims should be cut ½" shorter than the window frame depth and recessed ¼" per side to allow sealant coverage.

D. Once window is plumb and square, partially drive one roofing nail through the pre-punched nail flange hole at the bottom left and right corners. Open window and check operation. Adjust as needed.

E. Close and lock the window. Complete fastening by driving the four previously started corner roofing nails flush, and then drive roofing nails through every other pre-punched nail flange hole flush. **DO NOT** nail tight.

4 SEALING AND FINISHING WINDOW EXTERIOR

A. Apply liquid flashing over the head and jamb nail fins. Tool level. **DO NOT** apply liquid flashing over the sill nail fin. Refer to flashing manufacturers' application instructions.
B. Fasten trim and/or siding, leaving ¼" gap around window frame on all four sides.
    a. Insert backer rod 3/8" deep in gap.
    b. Apply sealant and tool into fillet shape.
C. Insert screen in outermost track.
D. **DO NOT** seal or cover weep holes along bottom of the window.

5 SEALING AND FINISHING WINDOW INTERIOR

A. Apply window and door foam sealant between the window frame and opening per manufacturers' instructions.

Notes

1. Before starting any work, contact your local building code official to determine applicable codes and regulations that may apply to your project.
2. Local building code requirements take precedence over recommended installation instructions.