

INTERSTATE

Window & Door Company

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Interior Replacement Installation Instructions for: "COMPOSITWOOD® DOUBLE-HUNG WINDOWS"

READ THIS INSTRUCTION SHEET COMPLETELY
Failure to follow these Installation Instructions voids the
Lifetime Limited Warranty.

Notes:

- Do not store wrapped windows in sunlight or near heat source, extreme heat build-up in package can damage window.
- Local Building Codes may impose additional requirements which supersede these instructions. Compliance to these codes are the installers' responsibility.
- These are installation guidelines and do not address all types of installations due to existing conditions. Only trained professionals should install windows. When in doubt refer to ASTM E2112-01 or the AAMA Installation Master's Guide.
- Utilize safe work procedures according to manufacturers instructions and local safety codes. Interstate Window and Door Co. assumes no liability for any personal injury or property damage. Refer to "Existing Wood Window Removal" instructions for safe window removal and recycling information.
- Existing window frame must be in good structural condition, otherwise a full window replacement should be done.
- The advertised DP ratings (Design Pressure) were achieved using the following installation procedures.
- Window tinting is not recommended due to potential heat build-up which could cause glazing failure.
- Interstate is in compliance with Federal Lead-Based Paint safety practices.

In this Window Package:

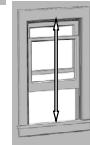
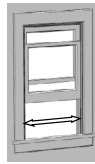
SCREW PACK

- Series 9800 - (4) - 8x3" SS Truss screws
- (2) - 3/8" hole plug buttons

Tools Needed:

- Utility Knife
- Caulking Gun & Caulk
- Drill/Screw Gun
- Small Flat Pry Bar
- Level or Straight Edge
- Straight Screwdriver with 3/16" blade
- Phillips Screwdriver
- Hammer

1 Inspect Window & Opening



- Interstate is not responsible for the reinstallation of windows due to incorrect size, options or damage, inspect all new windows *before* removing old ones.

- Check frame opening width and height, each must be a minimum of 1/4" than replacement window frame dimensions.

- Replacement of this window is done from the "Interior".

2 Remove Sash



- Remove all interior window treatments.
- Remove interior stops, cut balance cords, remove lower sash.
- Remove parting stops, cut balance cords, remove upper sash.
- Remove old pulleys if they obstruct the opening.
- Properly recycle old sash.

3 Prepare Old Window Frame

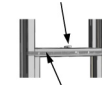


Two 1/4" flat shims

- Clean up opening by removing old caulk and debris and by filling in old holes.
- Check frame opening for plumb and level.
- Check squareness by measuring diagonally (measurements should be within 1/8").
- Apply two 1/4" flat shims (not supplied) to outer edges of sill.

4 Reinspect Window

Close window & lock



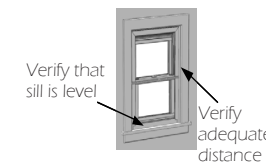
Keep belly band in place

Verify width & height



- Close sash and lock.
- Remove window unit from all packaging.
- Remove screen to prevent damage during installation.

5 Verify Window Fit

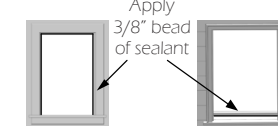


Verify that sill is level

Verify adequate distance

- Carefully set window unit into opening and on top of two flat shims, center unit in opening.
- Add additional shims at sill to make the sill of window level.
- Verify that unit can be installed plumb, level and square.
- Remove window from opening

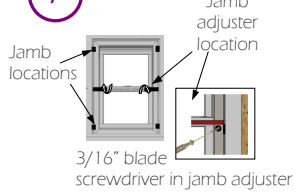
6 Apply Sealant



Apply 3/8" bead of sealant

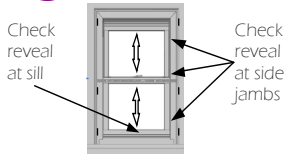
- Apply a 3/8" bead of ASTM approved sealant to the interior side of the exterior stops and along the sill at the stool. Sealant should make contact with the new window.
- We recommend a high quality sealant such as Novaflex Glazing & Building Silicone Sealant.

7 Position & Shim



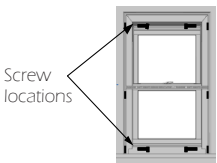
- Carefully set window unit into opening and on top of the sill shims, center unit in opening.
- Shim unit at the four predrilled hole locations; 3" from the top and 4" from the bottom of side jambs. Use flat or opposing beveled shims to prevent jambs from twisting.
- Screw in jamb adjusters located in the center of the jamb until the frame felt makes even contact with the sash. Shims can be applied between jamb adjuster and old frame if necessary.

8 Check Fit & Operation



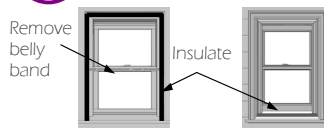
- Check window unit for plumb, level, squareness and adjust shims accordingly.
- Check window sash to frame for equal reveals and easy operation. Be sure sashes open and close easily, sashes tilt in and tilt back, fully engaging and window locks.
- Make necessary adjustments with shims and jamb adjusters. All sight lines should be equal in all locations.

9 Secure with Fasteners



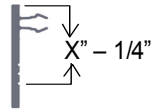
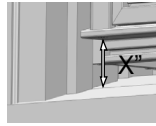
- Fasten unit through the side jambs at the predrilled hole locations located behind the sash pockets. Screws from screw pack supplied. Interior sash track receives shorter screws; exterior sash track receives longer screws.
- Do not over tighten screw, it could distort the window frame.
- Recheck window for plumb, level and squareness. Recheck window unit operation and reveals. Make any necessary adjustments. Plug buttons can then be applied to jamb adjuster holes.

10 Insulate



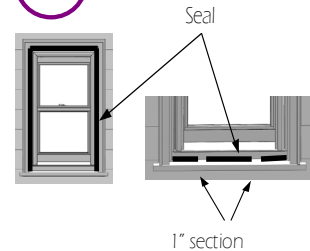
- Insulate perimeter of window unit with low expanding foam or loosely packed fiberglass insulation.
- Don't over pack insulation or overfill with foam which could create a bowed frame and cause poor performance.

11 Sill Expander



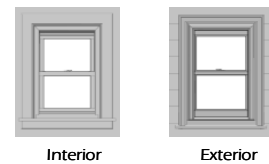
- Cut/Notch Sill Expander to proper length.
- Measure distance between bottom of replacement window sill and old sill as shown. (x")
- Subtract 1/4" plus an 1/8" for expansion from your measurement, score backside of sill expander to that height, bend score and remove.
- Install sill expander by tapping in both ends and working your way to the center (in a zipper-like action).

12 Seal



- Apply a 1/4" bead of an ASTM approved exterior sealant (such as Novaflex Glazing & Building Silicone Sealant) between the replacement window and the original window frame as shown.
- Seal the bottom edge of the sill expander to the original sill, leaving two 1" sections unsealed as shown. (This allows any trapped moisture to weep out).

13 Apply Trim & Finish



- Trim shims even with the wall.
- Reapply original interior trim or fit unit with new trim.
- Leave all NFRC labels and this installation instruction with home owner.
- Recheck window operation and function.
- Reinstall the screen.
- Recycle all packaging materials.

Maintenance

Precautions:

- Protect window from direct contact with any brick washes or other chemicals.
- Properly mask windows when painting or staining.
- Be careful, metal razor blades can damage the glass or other surfaces.
- Do not use abrasive cleaners on vinyl or glass surfaces, they will scratch the surface.

Cleaning:

- Clean glass with a liquid glass cleaner and a soft towel.
- Window frames and sash can be cleaned using a mixture of a mild detergent and water with a soft towel or brush.
- Isopropyl alcohol can be used for tough-to-clean areas.
- For additional information go to www.interstatebldg.com.

Staining Instructions

Please read all instructions before beginning.

Test finish on a sample piece before applying on finished window. Ask your dealer for a sample.

Begin by masking off felt strips and lightly sanding the pine surface with #400 (or above) fine sandpaper according to stain manufacturer's instructions. Wipe surface clean with a soft cloth or tack cloth.

A pre-conditioner is required both to bring out the natural grain of the wood and to allow for even coverage of the stain. Carefully follow the instructions of both the conditioner and stain manufacturers. Using water or oil based stain, apply with a rag or sponge applicator, according to stain manufacturer's instructions, as using a brush may cause uneven coloration or lap marks.

Choose polyurethane that offers UV protection. Check with stain manufacturer for proper drying time before applying first coat, a minimum of two coats is required. When applying a second coat or a polyurethane finish, wait the appropriate drying time as recommended by the manufacturer, usually 24 hours. Lightly sand or steel wool between coats.

Other recommendations:

Do not use oil-based solvents to clean windows; use denatured alcohol.

Any white areas (i.e. resin) should be masked before staining, as they may absorb the stain and discolor.

Dings and joints can be filled with stainable wood filler.

Please take care not to varnish weather stripping.