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New Construction

Installation Instructions

for Vinyl Double Hung Windows

READ THIS INSTRUCTION SHEET COMPLETELY

Failure to follow these Installation instructions

Notes: voids the warranty.

- 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.

- To achieve advertised DP (Design Pressure) ratings, fasteners must be applied to every installation hole.

- Window tinting or dark shades are not recommended due to potential heat build-up which could cause glazing failure.

- CAUTION: Many windows in older homes are painted with lead-based paint and removing old windows may disturb this paint. To minimize exposure to dust and debris, please take proper precautions. Go to www.epa.gov/lead for more information or check with your local and state authorities. Refer to "Existing Wood Window Removal" instructions on this website for safe window removal and recycling information.**

- Interstate is in compliance with Federal Lead-Based Paint safety practices.

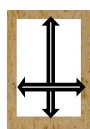
In this Window Package:

SCREW PACK

Tools Needed:

- Utility Knife
- Caulking Gun & Caulk
- Drill/Screw Gun
- Hammer
- Level or Straight Edge

1 Inspect Rough Opening & New Window

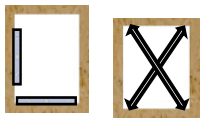


Interstate is not responsible for the reinstallation of windows due to incorrect size, options or damage. **Inspect all windows before installing.**

- This window has an installation fin and is intended to be installed from the Exterior of the structure.

- Check rough opening width and height, it must be 1/4" to 1/2" larger than new window frame dimensions.

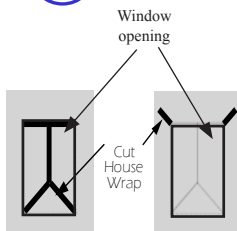
2 Plumb, Level, Square



- Ensure that rough opening is plumb and level.

- Check squareness of rough opening by measuring diagonally. Dimensions must be within 1/8" of each other. Shimming may be required.

3 Install House Wrap



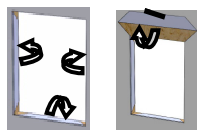
- Install House Wrap according to manufacturers instructions.

- If in doubt, refer to ASTM E2112-01 or the AAMA Installation Master's Guide.

- Make initial cuts to House Wrap.

- Make 45 degree cuts to House Wrap at head as shown.

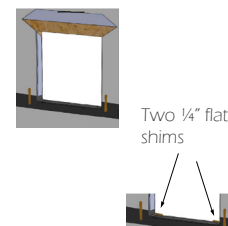
4 Fasten House Wrap



- Wrap loose flaps around rough opening and secure it to inside of framing.

- Lift up header flap and temporarily tape in position as shown.

5 Install Sill Flashing

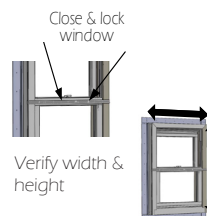


- Using an ASTM approved apply 9" wide adhesive backed flashing to sill of the rough opening as shown, and should extend 8" on each side. Follow manufacturer's instructions.

- When in doubt, refer to ASTM E2112-01 or the AAMA Installation Master's Guide.

- Apply two 1/4" flat shims to outer edges of sill at jamb.

6 Reinspect Window



- Remove window unit from all packaging.

- Remove screen to prevent damage during installation.

- Close sash and lock.

- Inspect window unit for correct size, options and damage.

7 Check Fit & Operation



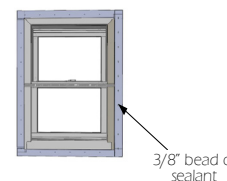
- Carefully set window unit into opening and on top of the sill shims, center unit in opening.

- Add necessary shims to level sill.

- Temporarily secure the window in the opening with a screw in the upper right installation fin.

- Verify that unit can be installed plumb, level and square.

8 Corner Seals & Sealant



- Remove window from opening

- Wipe down Installation fins to remove dust and debris.

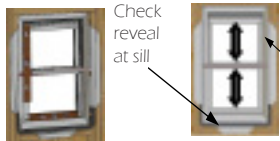
- Apply a 3/8" bead of ASTM approved sealant (Novaflex suggested) to the interior side of the installation fin directly over the nail holes.

9 Shim Window



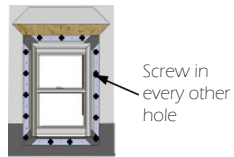
- Shim unit 3" from the top, 4 from the bottom. Use flat or opposing beveled shims to prevent jambs from twisting.

10 Check Fit & Operation



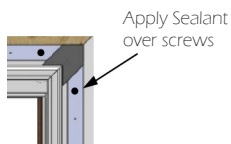
- Check window sash to frame for equal reveals and easy operation.
- Make necessary adjustments with shims.

11 Secure with Fasteners



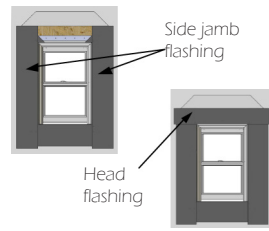
- Fasten unit through every other hole in the installation fins. Use a non-corrosive fastener long enough to allow for at least 1" penetration into a structural member. Anchor through predrilled jamb holes into structural framing with screws (supplied).
- Do not over tighten screws, it could distort the window frame.
- Recheck window for plumb, level and squareness. Recheck window unit operation and reveals. Make any necessary adjustments.

12 Seal Fasteners & Sill



- When in doubt, refer to ASTM E2112-01 or the AAMA Installation Master's Guide.
- Apply a thin layer of ASTM approved sealant (Novaflex over all fasteners and open nail holes.

13 Seal Side Jambs & Head



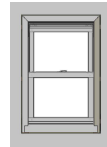
- Seal the side jambs with ASTM approved 9" wide adhesive flashing, projecting past the top and bottom of the window 10" on each side.
- Seal the head with ASTM approved 9" wide adhesive flashing, projecting past the side jambs of the window as shown.

14 Seal Head



- Fold down weather resistant barrier at head as shown.
- Seal both 45 degree cuts in weather resistant barrier with ASTM approved adhesive flashing as shown.

15 Insulate

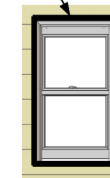


- Trim back shims so they are flush with the wall.
- Insulate perimeter of window unit with low expanding foam or loosely packed insulation.
- Don't over pack insulation which could create a bowed frame and cause poor operation and performance.

16 Apply Trim & Finish



Backfill 1/4" gap and seal with sealant



- Apply interior trim.
- Apply exterior trim, siding, stucco or facial brick/stone. Always leave 1/4" gap around full perimeter of window to allow for expansion and contraction.
- Backfill 1/4" gap with backer rod.
- Seal perimeter of window with a bead of ASTM approved exterior sealant.
- 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.
- Clean balances by flushing with clean water. Do not use chemicals or lubricants.
- Isopropyl alcohol can be used for tough to clean areas.
- For further information go to www.interstatebldg.com.