

Installation Guidelines

FOR REVIVE SASH REPLACEMENT KITS

LEAD PAINT AND EXISTING WINDOW DISPOSAL:

- A) Before any remodel or renovation, make sure to identify any potential lead paint issues and take necessary steps to reduce the risk of lead contamination.
- B) The U.S. Environmental Protection Agency (EPA) has issued a “Lead Renovation, Repair and Painting Rule (RRP)” for remodelers of older homes and buildings. This rule requires training and certification in lead-safe work practices for firms performing renovation, repair or painting on homes and child-occupied facilities built prior to 1978.
- C) For more information regarding procedures for dealing with lead paint, please visit EPA's website at www.epa.gov/lead.
- D) When removing existing windows, make sure to wear appropriate personal protective equipment. Extra precautions should be taken to protect others and property within the vicinity and below the removal window and surrounding components.
- E) Consult with local waste authorities on the proper recycling or disposal of old window components.

ATTENTION! THIS DOCUMENT CONTAINS WAIVERS THAT AFFECT YOUR LEGAL RIGHTS. Please read the entire document carefully, especially the section entitled, “Dispute Resolution Process,” because that section contains statements reflecting your agreement to waive your rights to a jury trial and to participate in a class action case related to a dispute you have with Windsor arising out of the Windsor products covered by this warranty. **YOU CAN OPT OUT OF THESE WAIVERS. To do so, please go to www.windsorwindows.com/support and locate the Waiver Opt-Out Form. In order to opt out of these provisions, you must fill out the Waiver Opt-Out Form within one year of the date your Windsor products were manufactured, as indicated by the glass code on the product.**



WINDSOR
WINDOWS & DOORS
A Woodgrain Millwork Company

www.windsorwindows.com

IMPORTANT:

- Windsor's Revive sash replacement kits are designed to replace wood double hung windows. The wood side jamb pocket depth between the inside stop and the outside stop **MUST** measure at least 3-3/8" to accommodate the Revive jambliner and clip.
- If the interior or exterior of the sash is to be painted or stained, this should be done with the sash removed.
- Do not get stain or paint on jambliners, parting stop or weatherstrips.

Step-by-step instructions to install your new windows

REMOVING YOUR OLD SASH

- [1]** Cut and remove the cords and pulleys on the lower sash, if applicable.
- [2]** Remove the old sash; these should be discarded after installation of the new sash.
- [3]** Remove the side and head parting stops. *(NOTE: Once you have removed the inside and head parting stops and sash, check to see if your existing window has jambliners. If so, the jambliners can be rotated from the opening as a unit. Be sure all staples and other similar fastening devices have been removed from the jambliner first.)*
- [4]** Remove the upper sash.
- [5]** Repair jambs as needed and fill old pulley holes with insulation.
- [6]** The window is now ready to have the new sash installed.



PREPARING FOR NEW SASH INSTALLATION

- [7]** Install the left and right vinyl jambliners between the inside and outside stops. Place the supplied foam pads on the head jambs directly above where the jambliners will be. Jambliners are held in place using metal u-clips. Attach these clips to the existing window jamb using the 3/4" screws provided. Use four clips, evenly spaced per side. Once the clips are in place, snap the jambliners into position over the clips.
- [8]** Jambliners should be touching the sill and the "flange" side touching the outside/blind stop. Press jambliner against frame.
- [9]** Before installing the sash, make sure the shoes line up where the sash pivot pins will be inserted. If they don't, insert a flat head screwdriver onto the metal part of the shoe and pull down until it is of a similar height as the other.



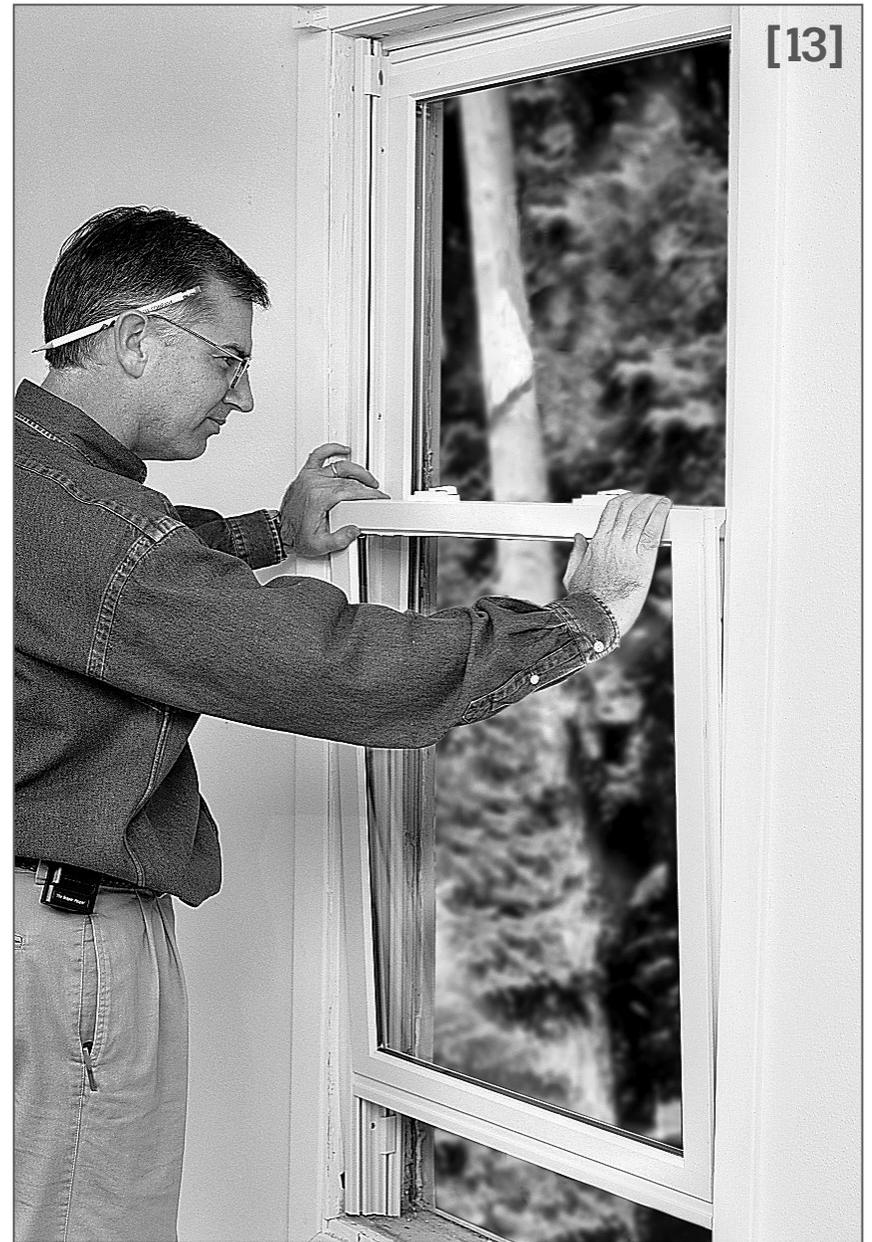
INSTALLING YOUR NEW SASH

- [10] Hold the sash so the outside surface of the sash is facing up and the pivot pins at the end of the sash are closest to the window.
- [11] Install the top or outside sash first. Insert the pivot pins into the outer friction shoes. Tilt the sash up and push toward the outside to fully install the sash.
- [12] Repeat step 11 for the lower/inside sash of your kit. Move both sashes up and down to ensure proper installation. Because your sash replacement kit has easy tilt latches, you'll need to make room for the tilt latch finger tabs at the head jamb. After installing the top/ outside sash (step 11), carefully drive the sash up against the head jamb. This will create a small indentation in the head jamb. Then, very carefully drill or notch out the indentation area to about 1/4" deep.
BE CAREFUL NOT TO DRILL OR NOTCH ALL THE WAY THROUGH THE HEAD JAMB! Repeat step 11 for the bottom sash of your kit.
- [13] Engage all locks. If you have difficulty locking the units, **DO NOT FORCE** them. Check to be sure the top sash is raised so the sash touches, or nearly touches, the head jamb; if not, check to be sure the top sash tilt latch finger tabs are not touching the head jamb. (If they are, additional drilling or notching may be required.)
- [14] Included in your kit is a vinyl head parting stop. Cut the stop to fit securely between the two jambliners. Press the head stop into the head parting groove. Center this piece into the head of the window frame. Be sure the flexible weatherstrip fin faces toward the outside of the house. Drive the stop into the groove with a block of wood and a hammer.
- [15] Replace the existing interior stops. Check sash for operation and tiltage.
- [16] **Congratulations!** Installation is complete.





[12]



REVIVE – Limited Warranty

Windsor Windows & Doors, as manufacturer, warrants from the date of manufacture that all Revive pocket replacement windows will be free from defects in materials and workmanship that significantly impair their operation and proper usage, subject to conditions and limitations within. This warranty is transferable to subsequent structure owners, up to the time limits of the warranty. To achieve optimum performance from your Windsor products, and to preserve the warranty, please refer to the Windsor Care and Use Guide on our website, www.windsorwindows.com.

Windsor would like to thank you for selecting our Revive replacement windows. We are confident that they will provide you with comfort, aesthetics and value for many years to come. As with any product warranty, there are certain limitations and disclaimers that must be included so that all parties are assured that the product is being installed and used properly. Our intent is to make this warranty as clear and user-friendly as possible.

Revive Wood Clad and Hybrid replacement windows carry a “**Limited Warranty,**” which provides coverage against insulated glass seal failures for 20 years, cellular PVC components for 25 years, and coverage for workmanship and materials for 10 years. In addition, we are now introducing optional extended-life exterior aluminum surface finishes that extend the warranty on such finishes to a period of 30 years (see #2 for details).

Revive Vinyl replacement windows carry a “**Lifetime Limited Warranty,**” which provides coverage against workmanship and materials to the original owner-occupant, for as long as they occupy their single-family residence. If either the residence is sold, or these products are installed in a “non single-family structure,” then all warranties noted are limited to 10 years from the original date of manufacture, and by exclusionary items and conditions as noted.

There are eight primary components to Revive replacement windows, and the assurances and warranty provisions are specific to each:

- 1. Insulated glass used in Revive Wood Clad and Hybrid replacement windows: 20 years** – Windsor warrants that, from the date of manufacture, and under normal conditions, the insulated glass will not develop any material visual obstructions as a result of premature failure of the insulated glass seal. If a failure of seal occurs, Windsor will provide replacement insulated glass only, for 20 years free of charge. **Insulated glass used in Revive Vinyl replacement windows** – Windsor warrants that, from the date of manufacture, and under normal conditions, the insulated glass will not develop any material visual obstructions as a result of premature failure of the insulated glass seal. If a failure of seal occurs, Windsor will provide replacement insulated glass only, for the first 10 years free of charge. To the original owner-occupant in a single-family residence, Windsor extends the insulated glass warranty coverage for as long as they remain owner-occupant in a single-family residence, to provide replacement insulated glass at the cost of 50 percent of the current list price for that insulated glass, at the time the claim is submitted. Replacement glass will be shipped F.O.B. factory. *NOTE: There is no coverage for any associated costs, such as installation, disposal or refinishing.*
- 2. Exterior aluminum surface finishes**
 - AAMA 2604:** Standard finish – 20-year warranty*
 - AAMA 2605:** Optional upgrade – 30-year warranty*
 - Anodized:** Optional upgrade – 5-year warranty, no warranty for coastal applications*
 - Warranty: Windsor warrants that exterior aluminum surface finishes, when exposed to normal atmospheric conditions, will not peel, check, crack, blister, flake or lose adhesion. This warranty begins on the date of manufacture. Please be aware that exterior aluminum surface finishes will weather and fade over time in any environment. Weathering, chalking and fade will vary depending on conditions, such as exposure to heavy salt spray environments, airborne pollution, elevation, orientation, altitude and other atmospheric conditions. To prolong the life and appearance of the finish coating, it is required that exterior cladding be cleaned and maintained according to a scheduled maintenance program. If paint failure should occur, Windsor reserves the right to determine the best method for corrective action.

- See Windsor’s website, www.windsorwindows.com, for cleaning and maintenance instructions; also refer to AAMA 610.1-79. Windsor’s website has additional information about each of the available finishes.

*Coastal applications: Applies where units are installed within one mile of the coast. For all finishes except anodized, warranty period is limited to 10 years for these applications.

- 3. Cellular PVC components: 25 years** – Cellular PVC components are warranted to not rot, warp, blister, corrode or flake under normal conditions for 25 years from date of manufacture. If any repair or replacement is necessary, such repair or replacement is warranted for the remainder of the warranty period.
- 4. Revive Vinyl material** – Windsor warrants that vinyl material will not blister, corrode, flake, chip, peel or rot under normal conditions, so as to substantially impair the operation or performance of the Revive Vinyl replacement window. If any of the vinyl material in our Revive Vinyl replacement windows should blister, corrode, flake, chip, peel or rot under normal conditions, or in the event the vinyl material fails, Windsor will provide a free Revive Vinyl replacement product or affected part.
- 5. All other parts and components: 10 years (including, but not limited to, such items as weatherstrip and hardware)** – Window hardware components are usually manufactured by others and purchased by Windsor for use in our products. Windsor warrants its Revive hardware components, under normal conditions, against premature component failure that substantially impairs the operation or performance of the part or component. In the event of such a failure, Windsor will provide no-charge replacement parts for 10 years from date of manufacture of the Revive window. Since Windsor purchases many of these parts and components from others, Windsor cannot guarantee that the exact model or design will be available in the future, and usually, the current model will be provided. *NOTE: There is no coverage for any associated costs, such as installation, disposal or refinishing.*

6. Window Sash Opening Limiting Devices

- Always refer to applicable building codes when considering the purchase, installation and application for use as a Window Opening Control Device (WOCD). Also, refer to ASTM F2090-10 for additional information.
- If Window Sash Opening Limiting Devices are going to be installed, carefully follow all information provided with the Window Sash Opening Limiting Devices, including installation, operation and safety information. *Proper installation of Window Sash Opening Limiting Devices, pursuant to applicable building codes, ASTM F2090-10, and the included installation information, along with application of tags/labels including the safety instructions left attached for the homeowner, allows these devices to be used as Window Opening Control Devices.*
- Supervision is still required around windows where Window Sash Opening Limiting Devices have been installed.

- 7. Painted interior finishes: Two years** – Windsor warrants that under normal conditions, factory-applied interior paint will not peel, check, crack, blister, flake or lose adhesion for a period of two years from date of manufacture. If Windsor determines, subject to the terms and exclusions of this warranty, that a paint failure has occurred, Windsor shall, at its sole discretion, determine the best method for corrective action, which usually includes one of the following: 1) refinish all or a portion of the product; 2) furnish, at no charge, a replacement component part; or 3) refund the original purchase price of the item in question.

(“Interior primed only” products are **excluded** from the interior factory-applied paint warranty.)

- 8. Factory-applied painted vinyl** – For a period of 10 years from the date of manufacture, Windsor will warrant that under normal conditions, the paint applied will be free from failure due to product defect and specifically against peeling, cracking, flaking or blistering from/on the painted surface and against significant ultraviolet discoloration (greater than 6 Delta E) caused by natural environmental atmospheric conditions. Windsor will not warrant any paint specific damage or alteration caused by the use of organic or chemical solvents or an environmental factor causing such damage including, but not limited to, stucco leach, acidic washes, hard tack tape and blowing sand.

Storage and Handling

IMPORTANT! If vinyl windows and doors are not installed immediately upon delivery, they must be properly stored and protected until installed. If the vinyl product is not stored properly, distortion of the frames can occur affecting operation and performance. Vinyl windows and doors should be installed within 30-60 days of receiving.

Follow these procedures for proper storage of vinyl windows and doors:

- Remove stretch wrap immediately so the individual units can be exposed to circulated air.
- Do not store units outside or in direct sunlight. Allow sufficient spacing between products for ventilation.
- Never store vinyl units in a closed truck or other enclosure.
- Never stack or lean vinyl units against each other in the sun.
- Always carry vinyl units upright. Do not carry flat! Doing so can result in damage to the unit.
- Always store vinyl units vertically. Do not store windows flat or stack horizontally.
- Vinyl units must be stored in a clean, dry, well-ventilated and enclosed area.
- Vinyl windows with unsupported nailing fins should have their corners blocked and protected to prevent damage to the nailing fin.

Failure to follow these procedures will void our product warranty.

The remedies provided in this limited warranty will be forfeited by the occurrence of any of the following conditions:

- Improper installation of the window unit. (Installation instructions are factory applied on each unit.)
- Failure to properly finish/protect/maintain windows and their components within 60 days of installation will forfeit any and all warranties for finishes, as well as warranties applicable to materials and components related to the finish. Failure to properly finish/protect wood components, CPVC components and/or all interior surfaces within 60 days of installation according to finish manufacturers' recommendations and industry standard finishing methods. Failure to properly maintain any and all finishes, interior or exterior, including finishes applied to components made from CPVC, wood, vinyl or aluminum. (See Windsor's Care and Use Guide at www.windsorwindows.com.)
- Damage caused by acts of God or some other cause outside Windsor's control.

WARNING: PAINTING of cellular PVC or any PVC surfaces with a paint not specifically formulated for PVC materials will forfeit the product warranty.

WARNING: PAINTING of cellular PVC or any PVC surfaces with a color darker than L-56 (on the scale where 0=black and 100=white), even with a paint specifically formulated for PVC, will forfeit the product warranty.

- Conditions that exceed the design parameters of the windows.
- Improper removal of any permanent warning or identification labels from the product or products.
- Installation in a non-vertical or sloped application.
- Damage from accident, misuse or abuse.
- Alteration, modification or use for a purpose other than that for which it was intended or designed. (Including, but not limited to, paint applied to vinyl and damage resulting from security systems applied or attached to our product.)
- Application of any tint, UV limiting or sun blocking film to either interior or exterior surfaces of the glass, or the use of film shades.
- Use in or around ships, boats, trailers, campers, swimming pools, hot tubs, spas, saunas or greenhouses.
- Installation exceeding 5,000 feet above sea level, unless high altitude breather tubes have been factory installed.

- Exposure to harmful chemicals.
- Mulling (connecting or attaching) Revive product(s) to those of another manufacturer.
- Failure to follow Windsor's Care and Use recommendations. (See Windsor's Care and Use Guide at www.windsorwindows.com.)
- Failure to maintain any factory finish. (See Windsor's Care and Use Guide at www.windsorwindows.com.)
- Failure to use paint ordered from Windsor to touch-up or reapply to vinyl windows with factory-applied paint.
- Failure to comply with the claims procedure outlined herein.

Exclusions – The following items or conditions are specifically excluded from the remedies provided by this warranty:

1. Remedies requested for any labor for removal, repair or replacement of defective parts, products or glass, or any repainting or refinishing costs, except as noted above.
2. Remedies requested for any consequential, incidental or punitive damages.
3. Remedies requested for damage caused by or adjustment required from:
 - a. Improper handling, installation or maintenance and/or delivery by others.
 - b. Exposure to conditions beyond performance specifications and/or design limitations.
 - c. Water infiltration other than as a result of a manufacturing defect.
 - d. Condensation and damage caused by the failure to resolve condensation.
 - e. Damage to glass, metal, cellular PVC, PVC or any other surfaces caused by brick wash, sanding, improper cleaning/washing, chemicals or airborne pollutants.
 - f. Minor scratches, and/or minor glass imperfections that do not impede or severely obstruct normal viewing area, and do not impact the structural integrity of the insulated glass.
 - g. Reflective distortion of any kind, including, but not limited to, color, tint, hue or waves inherent to annealed, coated, laminated and tempered glass.

- h. Heat gain, vinyl distortion or damage of any kind, including, but not limited to, effects due to the reflective properties of glass and its finishes.
 - i. Alignment/location of inner grids of less than or equal to 1/8" from specified location.
 - j. Stresses to product caused by building defects, movement of the building in which the windows are installed, and/or components of that building, including building settlement.
 - k. Catastrophic weather or acts of God, including fire, wind or wind-blown objects.
 - l. Normal weathering, wear and tear.
4. Any applicable taxes and freight. (Replacement parts will be shipped to the closest Windsor distributor at Windsor's expense, or the option to ship directly to the homeowner at the homeowner's expense.)
 5. Remedies requested for glass breakage, including stress cracks, unless Windsor determines that the breakage or cracking is the result of a manufacturing defect.
 6. Remedies requested for special glazing.
 7. Laminated glass will have a warranty limited to five years against delaminating of inner liner (PVB) and extensive visual obstruction due to glass seal failure.
 8. Windsor does not warrant the percentage of inert gas present in high-performance products. Gas dissipates over time at different rates depending upon use and conditions.
 9. Remedies requested for rattling of, or noise caused by, inner grids due to, but not limited to, the lack of uniform supported structure of product, in which the operation of the product, or of another product, causes vibration harmonics into the Windsor product and induces inner grids to vibrate against the interior of the insulated glass, creating a noise.
 10. Remedies requested for brass and oil rubbed bronze hardware finishes for finish loss, tarnishing or wear.
 11. Remedies requested for corrosion, tarnishing or operation of standard hardware in high salt spray environments.

12. Remedies requested for anodized aluminum exterior finish variances in appearance of color, dielines, pitting and chalking are not warranted.
13. Remedies requested for painted interior finish failures related to, but not limited to, knots, finger joints, stile and rail separation, joint separation of components, failures resulting from cracking/splitting/raised grain of the substrate, improper installation, lack of maintenance, moisture penetration, condensation or improper cleaning.
14. Remedies requested for fading or chalking of exterior aluminum surface finishes are warranted only when chalking exceeds number (8) chalk rating using ASTM 4214-98, and fading or color change is greater than 5 delta E in accordance with ASTM D-2244-02.
15. Remedies requested for wood texture, color variations and other wood characteristics within Windsor's specifications.
16. Remedies requested for natural warping of wood components unless the "warp" exceeds 1/4"; warping includes bowing, cupping and twisting.
17. Remedies for any special or custom product or item that is manufactured according to specification provided by the customer.
18. Remedies requested for any product in a size that is greater than that shown in our catalog; these products are purchased "as is" without any warranty.
19. Remedies requested for any product purchased without factory installed glazing; these products are purchased "as is" without any warranty.
20. Remedies requested for any product installed in structures that do not allow for proper management/drainage of moisture, including, but not limited to, exterior insulation and finishing systems (EIFS) or "synthetic stucco" without engineered drainage system.
21. Remedies requested for products manufactured by others.

Limits of Liability – Where lawful, this warranty is in lieu of all other warranties, expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose.

- No distributor, dealer, employee, salesperson or representative of Windsor has any authority to change or modify this warranty in any way.

- Windsor is not liable for any consequential, incidental or punitive damages, costs of installation of replacements or costs of refinishing window components or adjacent parts/millwork.
- Windsor shall make the final determination as to whether or not a defect exists.
- In addition to, or in lieu of remedies provided herein, Windsor, at its sole discretion, may repair or replace a defective part or product, or refund a portion of the original purchase price.
- Windsor reserves the right to perform warranty work or arrange for another party to perform warranty work.
- In no event shall the liability of Windsor Windows or any seller of Windsor products arising out of a product defect exceed the original purchase price of the product.
- In the event any provision is found to be unenforceable, the remaining provisions shall remain in full force and effect.
- Any component or product repaired or replaced pursuant to this warranty is warranted for the remainder of the original warranty period.
- Affixed to Windsor's windows are stickers identifying various ratings. These ratings are not performance warranties because window performance will be impacted by conditions and may change over time. These ratings may also apply to single units only, not mulled configurations.
- This is not a warranty of future performance. It is only a warranty to provide the remedies described herein.
- Windsor is not responsible for determining the suitability of its products for particular applications and locations. Nor is Windsor responsible for compliance with building standards, including applicable building codes.
- Windsor makes no warranties whatsoever with respect to accessories or parts not supplied by the manufacturer.
- Windsor may elect to perform repairs in situations where Windsor does not believe any warranty violations exist. This does not constitute a waiver of any of the provisions of this warranty.

Warranty Claim Procedure

If you have any questions regarding this warranty or have a claim under the provisions of this warranty (your "Claim"), please contact your local authorized independent Windsor distributor or one of our manufacturing facilities listed on the back of this brochure. To process a Claim, you must furnish the glass code (numbers and/or letters printed within/upon the insulated glass unit). If you have questions about locating the glass code, please contact one of the Windsor facilities OR REFER TO THE SUPPORT PAGE ON OUR WEBSITE. You must notify your local independent Windsor distributor or Windsor of any defects within a reasonable time, but no later than 30 days after the defect is discovered or reasonably should have been discovered, and within the period covered by the warranty. Windsor may require any defective parts be returned to Windsor or our closest distributor. In order to process a Claim, Windsor reserves the right to inspect the product before it is removed or modified in any way. Windsor field visits may result in service charges if a non-warranty site survey is required and/or requested.

Response by Windsor

Windsor will have 30 days to respond to your Claim, with an explanation of what Windsor is willing to do relative to your Claim. Please keep in mind that this response may include an explanation of some action Windsor would like to take, such as conducting further investigation, or it may state that Windsor is not willing to take any action. We point this out to make it clear that Windsor is committing to respond to your Claim, not agreeing to remedy the problems described in every Claim it receives. If you are in any way dissatisfied with Windsor's response to your Claim, you must follow the steps of Windsor's Dispute Resolution Process as outlined below.

Dispute Resolution Process

You and Windsor agree that any dispute arising out of or related to the Windsor products shall be settled pursuant to the terms of the Dispute Resolution Process defined in this warranty. The term Dispute shall include any claims related to the terms of this warranty, including claims related to the enforceability of any of its terms, and including claims alleging breach of this or any other warranty. The term Dispute shall also include claims alleging breach of contract, breach of warranty, tortious conduct on the part of Windsor, including, but not limited to, negligence, violation of state or federal laws, ordinances or regulations, and product liability claims, claims of fraud, misrepresentation and violation of any consumer protection statute or laws.

Notice of Dispute

The first step in the Dispute Resolution Process is for you and Windsor to attempt to resolve your Dispute informally. The first step is for you to provide Windsor with a Notice of Dispute. This can be found by going to www.windsorwindows.com/support, which will take you to a form that you need to fill out.

Response by Windsor

Windsor will have 60 days to respond to your Notice of Dispute by providing a written explanation of what Windsor is willing to do relative to your Dispute.

Waivers of Jury Trial and No Class Actions

IF YOU AND WINDSOR ARE UNABLE TO RESOLVE YOUR DISPUTE TO YOUR SATISFACTION, YOU CAN THEN SEEK TO FORMALLY RESOLVE YOUR DISPUTE BY RESORTING TO THE COURT SYSTEM. HOWEVER, YOU AGREE THAT YOU CAN ONLY DO SO AS AN INDIVIDUAL AND IN YOUR INDIVIDUAL CAPACITY, AND NOT AS A CLASS MEMBER OR REPRESENTATIVE IN A CLASS OR OTHER REPRESENTATIVE ACTION OR PROCEEDING. YOU ALSO AGREE THAT YOU CANNOT HAVE YOUR DISPUTE RESOLVED BY A JURY TRIAL, AND HEREBY WAIVE ANY RIGHT YOU MAY HAVE TO A JURY TRIAL, AND INSTEAD YOU AGREE THAT YOUR CASE WILL BE TRIED BY A JUDGE.

