



Low-E Storm Windows

QUALIFICATIONS

- May be eligible for Single-family, Multifamily low-rise, manufactured homes (Multifamily mid- and high-rise buildings are not eligible).
- Existing window condition must be either (1) single-paned, any frame type (e.g., metal, wood, or vinyl) without existing storm windows; or (2) double-paned, metal frame only without existing storm windows.

Specification Checklist

[Download Checklist](#)

- When installed with an existing metal frame window, the storm window frame must not be in direct contact with the metal frame. Use framing lumber or furring strips to create space between window frames.
- Storm window must have same opening type as existing window (i.e., double hung, slider, etc.) to facilitate summertime ventilation and egress.
- New Low-E storm windows must be installed per manufacturer's specifications.
- Must be permanently fastened with screws and not designed for seasonal removal.
- Install storm window so that the Low-E coating is facing the interior of the home.
- Make sure the gap around the perimeter of the window is even. A 1/16-inch gap is ideal.
- Caulk the sides and top of the window opening before you screw the window into place. Storm windows are designed to allow water or condensation to drain, so do not caulk the bottom.
- Verify that windows with openings operate smoothly and safely.
- Ensure jobsite is left clean and orderly. All scrap material, tools and equipment have been removed.
- Confirm all hardware and fasteners are aluminum, stainless steel or another noncorrosive material.

Connect with the local serving utility to confirm pre- and post-condition requirements.



Pre-Condition:

Single-paned, any frame type (e.g., metal, wood, or vinyl) without existing storm windows or double-paned, metal frame only without existing storm window.

Post-Condition:

New ENERGY STAR Low-E storm window.



MINIMUM REQUIRED DOCUMENTATION

You can use the [Optional Weatherization Data Collection Tool](#) to collect this information. Contact the serving [utility](#) for specifics on required documentation.

1. Description of home (Single-family, Multifamily or manufactured).
2. Number and square footage of windows replaced.
3. Pre-condition (frame type, i.e., wood, metal, single- or double-paned).
4. Primary heating type.
5. A copy of the ENERGY STAR product list showing the product, or the product information insert or packaging that includes the ENERGY STAR logo.
6. Invoice showing or purchase date and cost.
7. Documentation that the measure requirements have been met (e.g., manufacturer, model number, type, size and quantity of equipment or product installed or used).

PAIRS WELL WITH

- Attic, Floor, Wall Insulation.
- Whole-House Air Sealing.
- HVAC Upgrades.

Installation Examples



Single-paned aluminum window with well-fit storm window.

Courtesy of U.S. Department of Energy



Single-paned aluminum window with no storm or low-e protection.

Courtesy of U.S. Department of Energy