Install Zero Reveal Tapes Prior to Window Installation

Start at top edge of window frame—complete perimeter.

Why rabbit ears? It allows airsealing tape to be adhered fully at corners. Make ears 1.75 inch long (2 x width of joint).
Removable tape in sequence after each side

Start at top of window, follow interior instructions (rabbit ears etc)
Prep Opening

Can’t tape to dust

- Not frozen over
- Airsealed buck joints
- Grease/oil free
- Swept clean
Sill is first
Install window frame (without sashes)

- Use installation blocks from hard wood or plastic below windows that can carry load of frame and don’t stick out from under frame.

Mounting: shims and blocks.
Shim and secure

Use shims on sides to level and plumb window.
They will help carry loads from window to structure.

Secure windows with manufacturer recommended hardware.
Trim off shims.

Drill

Secure frame with Screws
Connect one side, insulate, then connect the other.
Insulate before connecting opposite side.
Face taping - Inside Corners
Step-by-Step
now what needs to happen?

...verify connection to inboard air barrier. To be installed? Sheathing? If sheathing, how do those framing joints work?
Flange Taping

1. Install Sill Tape
2. Install Window
3. Install Tape at Bottom Flange
4. Install Tape at Exterior Jamb Flanges
5. Install Tape at Head Flange
6. Install Tape at WRB/Head
7. Insulate gap.
8. Install interior jamb tape.

*NOTE: To complete airtightness add tape at sill and head locations as noted below

*Add tape at bottom flange before jamb tape

*Add tape at top of frame over flap
Flange taping
Connecting to concrete
Connecting to rough masonry
Over-insulate frames where possible.
Intermediate materials?
Make sure there are no holes!
Sill Taping

wrinling pics???
Don’t vapor dam...
Back dam

Credit: Steven DeMetrick Construction
...then up the jambs

Credit: Steven DeMetrick Construction
don’t forget to tape window clips
Other sill conditions

Face tape at sill

liquid sill flashing possible - material compatibility must be verified
Verify airtightness with testing
Summary

- High performance is based on the robust continuity of control layers; of insulation and inboard and outboard air and vapor control.

- Careful planning and execution, including; material selections, simplification and sequencing is critical.

- High performance is only assured with a blower door test, repair and verification.
Break
Thank you