

ThermalBuck™

Basic Installation Guide



MEASURE

Measure the pre-framed RO to confirm the additional 1/2" on all 4 sides (1" overall) than recommended by window manufacturer. Level & plumb, adjust RO if needed.



MINIMIZE WASTE

Consider all RO dimensions, and plan cuts to minimize waste. Leftover pieces of ThermalBuck can be used on small windows, or to splice jambs.



CUT

Miter the end of each piece at half the angle of the RO. (Typically 45°)

Undersize each piece 1/16" to 1/8" to allow for sealant at seams.



DRY-FIT

Dry-Fit the pieces of ThermalBuck to make sure it fits properly, adjust if needed.

Slight gaps are needed at corners for sealant.

NOTE:

Installation instructions may vary at this point depending on the placement of the WRB in the wall assembly.

Detailed installation instructions for integrating the WRB, continuous insulation, and flashing the window available at thermalbuck.com.



AIR & WATER SEAL

Apply three 3/8" beads of recommended* sealant to the back of each piece of ThermalBuck.

*For recommended sealants, see FAQ's at thermalbuck.com.



INSTALL

Starting at the sill, push ThermalBuck firmly into the rough opening along the total length to ensure you have a good seal, and 100% ooze out at all transitions.



SEAL ENDS

Add sealant to mitered ends.



ThermalBuck™



Repeat for each jamb and head piece, considering which one will be easiest to flex into place last. Ensure all corners align before nailing tongue, and adjust as needed.

100% ooze-out is needed at all transitions for proper water and air sealing.



NAIL TONGUE

Once all pieces of ThermalBuck are placed, firmly push into RO and drive a 2" roofing nail through the 1/2" tongue into the structure, every 10"-12".

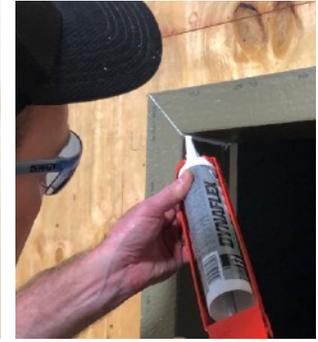
Use a roofing nail gun if preferred.



CLAMP

Clamp corners with 2" roofing nails if gap is more than 1/4" while the sealant cures (see sealant manufacturer's instructions).

Do not install window until sealant has cured.



SEAL GAPS

If 100% ooze-out did not occur at all transitions, force sealant into any voids.



SMOOTH

Smooth sealant and remove excess.



SHIM

Shim on top of the ThermalBuck if required.

Use one square inch of shim per 40 lbs. window.



INSTALL WINDOW

Consult window manufacturer's instructions before installing window.

Fasten window through ThermalBuck with #10 screws or nails, angled slightly to ensure good penetration into the framing. Fasteners must penetrate min. 1 - 1/4" into the stud for structural attachment.



INTERIOR SEAL

Use spray foam or sealant to create a back dam, and complete the interior air and water seal.

Seal *both* the transition of ThermalBuck to the window and to the framing.



THERMALBUCK®