ThermalBuck™
Installation

THERMAL BUCK™
HIGH-PERFORMANCE ROESE
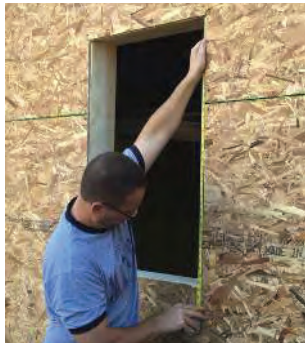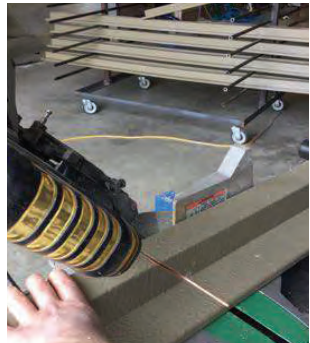
Simple ThermalBuck™ Installation Guide

MEASURE

Measure the RO. Allow 1/2" additional room on all sides (1" overall) than recommended by window manufacturer. Check for level & plumb, shim interior if needed.

CUT

Inspect ThermalBuck for any damage. Angle-cut pieces of ThermalBuck 45° with a miter saw. Undersize each piece 1/16" - 1/8" to allow for sealant at corners.

DRY–FIT

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

AIR & WATER SEAL

Apply three 3/8" beads of Dow Corning 758 Sealant to the back of each piece of ThermalBuck. Ensure 100% ooze-out at all transitions for complete air & water seal.

ATTACH

Starting at the sill, push ThermalBuck firmly into the rough opening along the total length to ensure you have a good seal. Continue with jambs then head.
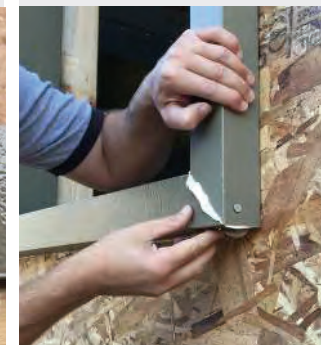
NAIL TONGUE

Firmly hold ThermalBuck in place, and nail a 2" roofing nail through the 1/2" tongue into the structure, every 10"-12".

SEAL ENDS

Add sealant to mitered ends. Ensure 100% ooze-out at all transitions for complete air & water seal. Add sealant if needed.

CLAMP

Clamp all 4 corners with a nail while the sealant cures (**24 hrs**).

Do not install window until sealant has cured.

SMOOTH

Once 100% ooze-out is achieved, smooth sealant and remove excess.

INSTALL WINDOW

Install window according to manufacturers' instructions. Along the bottom flange, ensure at least two 3" gaps in sealant for drainage.

NOTE: Nails or screws must go through ThermalBuck & penetrate the structure a minimum of 1 1/4".

SEAL PERIMETER

Apply 3/8" bead of sealant around the perimeter of all sides of ThermalBuck to complete exterior air & water seal.

NOTE: Review the installation instructions of the WRB, CI & window manufacturer you have selected. Consider best practices for the remaining installation steps.

SEAL INTERIOR

Seal *both* the transition of ThermalBuck to the window and to the framing to complete the interior air & water seal.

If extension jambs are pre-installed, seal the ThermalBuck to the rough opening prior to the window install.

Note:

For additional information please refer to following document, FMA/AAMA/WDMA 500-16 Standard Practice for the Installation of Mounting Flange Windows into Walls Utilizing Foam Plastic Insulation (FPIS) with a Separate Water-Resistive Barrier (WRB)

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