Prebuck

INSTALLATION INSTRUCTIONS

WET-SET SILL PLATE

1. PURPOSE

1.1 The purpose of this document is to establish the proper assembly and installation instructions for the Prebuck Wet-Set Sill Plate.

1.2 The assembly and installation techniques involved may require modifications to adjust to jobsite conditions. Prebuck recognizes that site-specific conditions, weather patterns, contractor preferences, and detailing, may require deviation or alteration from these prescribed installation procedures. When such circumstances exist on a project, the local Prebuck/Tremco Sales Representative or Technical Services must be contacted for assistance and approval as required.

2. SCOPE

2.1 This document will provide the necessary instruction for the assembly and installation of the Prebuck Wet-Set Sill Plate onto an Insulated Concrete Form (ICF) wall.

3. POSSIBLE SYSTEM COMPONENTS

3.1 Prebuck Wet-Set Sill Plate

3.2 Anchor Bolt or J-Bolt

4. AVAILABILITY

4.1 Prebuck Wet-Set Sill Plate is manufactured to specification and shipped direct to the jobsite from the Prebuck manufacturing facility in Wyoming, MI. Stocking locations are available in Granby, Qc; Coaldale, AB; and Columbus, GA. Contact Prebuck to find a representative near you.

5. HANDLING & STORAGE

5.1 While transporting Prebuck Wet-Set Sill Plate, keep the load level and covered with a weatherproof tarp, protecting the edges and ends from damage.

5.2 Store the Prebuck Wet-Set Sill Plate off the ground under roof, tarp, or wrap, with proper support and ventilation, protected from moisture and weather to prevent warping or deformation.

5.3 Use proper PPE when handling Prebuck LSL.

6. TOOLS

6.1 The list below is intended to provide the contractor and their workers a guide for what tools is required on most Prebuck Wet-Set Sill Plate installations. Although not all will be necessary for every project, the vast majority are essential to achieving an efficient Prebuck installation.

- Tape Measure
- Square
- Marking Utensil
- Circular saw
- Laser level

7. PREPARATION

7.1 Consult the Prebuck Wet-Set Sill Plate Technical Data Sheet for a list of compatible sealants, flashing, and weather resistive barrier products.

7.2 Verify the anchor bolt specifications (diameter, spacing, depth) are compliant with local building codes, including considerations for seismic region and wind loads.

7.3 Measure and cut all boards to the appropriate wall length.

7.4 Label each board to correspond with its respective location on the wall.

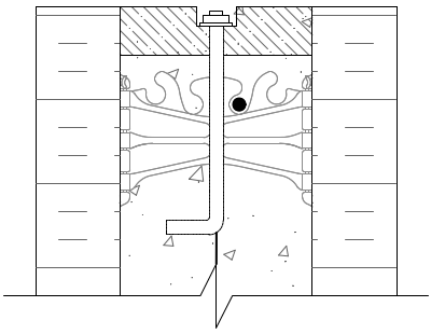
7.5 Ensure the concrete surface is level. The ready-mix concrete should be fluid and ready for the placement of the Prebuck sill plate.

7.6 For an Inset Wet-Set Plate, screed the concrete at the top of the ICF wall to 1 ½” (28 mm) below the top of the form insulation.

7.7 Install a sill sealer if required by local building codes, plans, or specifications.

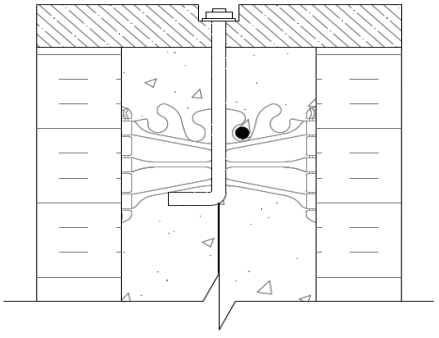
8. INSTALLATION PROCEDURE INTO ICF WALL

8.1 Option 1: Prebuck Inset Sill Plate



- Carefully align the Prebuck Inset Sill Plate to sit within the ICF wall.
- Push the sill plate down into the wet concrete, ensuring it is properly seated.
- Following specifications, align the anchor bolts with the oblong countersunk holes in the sill plate.
- Carefully drop the anchor bolt through each oblong countersunk hole per plans and specifications.
- Ensure the sill plate is level and securely embedded by tapping on the plate.

8.2 Option 2: Prebuck Full Width Sill Plate



- Place the Prebuck Full Width Sill Plate on top of the ICF and ensure that it is properly positioned.
- Following specifications, align the anchor bolts with the oblong countersunk holes.
- Carefully set the anchor bolt through each oblong countersunk hole per plans and specifications.
- Ensure the sill plate is level and securely embedded by tapping on the plate.

9. CLEAN UP

9.1 Once the concrete in the ICF wall has reached sufficient strength, inspect all anchor bolts and tighten the nuts as necessary.
9.2 Ensure that the sill plate installation is completed properly.
9.3 Clean any excess residue, ensuring no concrete remains on the sides of the forms or sill plate.
9.4 Cutt-off scrap to be discarded or recycled per local standards.