



TECHNICAL DATA SHEET

WINDOW AND DOOR BUCK

Engineered lumber for bucking
openings, wall termination points
and sill plates

PRODUCT DESCRIPTION

Prebuck Window and Door Buck offers the contractor, owner and design community an engineered solution for punched openings. Produced with 1-½" (38 mm) thick, treated Laminated Strand Lumber (LSL), Prebuck Window and Door Buck assures that the rough frame of the opening provides stable support for glazing and finish components. Prebuck offers many customized options that reduce labor and staging costs. The buck frame can be used in combination with any wall structure type, but is ideally suited for wide width walls. Made with materials that allow direct contact with concrete, a cast in place version integrates a dual keyway design to assure a secure interface from concrete to finishes. Prebuck Window and Door Buck will not cup, twist or warp over time and can be cut to custom design specifications.

BASIC USES

Prebuck fabricated solutions feature high strength material with high modulus of elasticity. Borate treatment offers protection against moisture, insects, mold and mildew, making Prebuck a healthy and sustainable solution for punched openings in many wall types.

Common Uses Include:

- Insulated Concrete Form (ICF) walls
- Tilt-wall
- Precast concrete walls
- Structural steel buildings
- Light gauge metal stud walls
- Penalized wall systems

FEATURES & BENEFITS

- Customizable engineered bucking system
- Treated throughout – no need to field treat after cutting and drilling
- Designed for direct contact with concrete
- Non-corrosive to metals
- Insect and fungus resistant
- Will not cup, twist, warp or curl
- Environmentally friendly
- No chemical off-gassing
- Consistent density and performance across the entire cross section
- Always straight
- Provides a solid anchoring surface
- Custom manufactured to width
- Green Building Certified
- Can assist in obtaining LEED points

AVAILABILITY

Prebuck is manufactured to exacting specification in our Grand Rapids, MI facility and shipped throughout North America. Contact us to find a representative near you.

HANDLING & STORAGE

- While transporting Prebuck Wet-Set Sill Plate, keep the load level and covered with a weatherproof tarp, protecting the edges and ends from damage.
- Store the Prebuck Wet-Set Sill Plate off the ground under roof, tarp, or wrap, protected from moisture and weather, with proper ventilation.
- Store Prebuck Wet-Set Sill Plate in a flat orientation properly supported to prevent warping or deformation

ASSEMBLY STYLES

Built with the contractor in mind, Prebuck Window and Door Buck allows for various degrees of customization.

Choose from the following assembly styles:

- Standardized Style
 - 16' (4.8 m) lengths ripped to custom widths
 - Cut on-site to length required for each rough opening
- Knockdown Style
 - Custom cut to the length and width of each rough opening
 - Kitted as head, two side jambs, and sill strapped and labeled according to plans and specifications
- Pre-Assembled Style
 - Custom cut to the length and width of each rough opening
 - Shop assembled and labeled according to plans and specifications

Each style above is available with the following features:

- Keyway dovetails for use with cast-in-place, precast, and tilt wall concrete frames
- Add 1.5" x 1.5" (38 mm x 38 mm) galvanized metal for alignment to the wall system of choice
- Pre-drilled, slotted or unslotted, or countersunk holes for versatile attachment to existing wall systems

COMPATIBILITY

Prebuck Wet-Set Sill Plate should be properly installed in accordance with local building codes. The product has been tested for compatibility with a range of sealant, flashing and weather resistive barrier products as listed below. Contact your representative for a comprehensive list.

- ExoAir® 110AT
- ExoAir 230
- Dymonic® 100
- Aquaflash®
- EnviroDri®
- Vulkem® 116
- Backstop Flash & Fill

LIMITATIONS

Prebuck Wet-Set Sill Plate is:

- Not to be left exposed indefinitely.
- Not to come into direct contact with the ground.
- Not to be buried below grade.

WARRANTY

Prebuck warrants its products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Prebuck makes no other warranty, expressed, or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Prebuck Products. Prebuck's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Prebuck products proven to be defective, and Prebuck shall not be liable for any loss or damage.

A repair or replacement warranty is available on all Tremco Products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

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Property	Test Method	Typical Results
Density	ASTM D1037	38 pcf
Product Moisture Content	ASTM D1037	6 to 8%
Flame Spread	ASTM E84	140
Thermal Properties	ASTM E518	1.25 R /in.
Use in Direct Contact with Concrete	AWPA Category 2 (UC2)	APPROVED
National Green Building Certification	ICC 700-2008	Certification #000008
Specific Gravity – Face		0.5
Specific Gravity – Edge		0.42
Florida Product Approval		#FL6527-R11

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Nudura Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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