



# TECHNICAL DATA SHEET

## Prebuck™ Parapet Cap

Engineered wood for wall termination points, and parapet wall plates

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### PRODUCT DESCRIPTION

Prebuck Parapet Cap Framing offers the contractor, owner and design community an engineered solution for terminating parapet wall assemblies of their structure. This parapet “nailer” will interface with framing, air barriers, roofing and finish materials (especially metal coping). Cap nailers represent a challenging and critical component to building envelop continuity. Prebuck is produced with 1-½” (38 mm) thick, treated Laminated Strand Lumber (LSL) to assure that the cap plate provides stable support for your coping and flashing components. Prebuck is customized to design and is effective in reducing labor and staging costs. The cap plate 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, the product is treated across its entire cross-section and will maintain its structural integrity even if it gets wet. Prebuck will not cup, twist or warp over time and can be cut to custom design specifications.

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### 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 parapet wall nailers on many wall types.

Common uses include:

- Tilt-wall
- Precast concrete walls
- Masonry block walls
- Insulated Concrete Form (ICF) walls
- Structural steel buildings
- Light gauge metal stud walls
- Panelized wall systems
- Wood framed walls

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### 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

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### AVAILABILITY

Prebuck is manufactured to exacting specification in our Wyoming, MI facility. We ship throughout North America.

Contact us to find a representative near you.

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## ASSEMBLY STYLES

Built with the contractor in mind, Prebuck allows for various degrees of customization.

Choose from the following assembly configuration:

- Flat plate to width
- Flat plate to width with countersunk hole for attachment to masonry
- Pitched plate (3/8"/ft) to width
- Pitched plate (3/8"/ft) to width with countersunk hole for attachment to masonry
- Additional Features to either of the above:
  - Facia Extender for added thickness at outer face
  - Increased pitch with the addition of a shim
  - Eased radius edge – used for reduced wear on roof and flashing membranes
  - Beveled edge
  - Insulated parapet cap
  - Choose pre-drilled, slotted or unslotted, countersunk holes for versatile attachment to existing wall systems

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## LIMITATIONS

Prebuck is:

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

Prebuck Parapet Cap Framing offers a dense and reliable fastening surface, though some fasteners may require predrilling.

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## COMPATIBILITY

Prebuck Parapet Cap should be installed, flashed and covered in accordance with plans and specifications. The material is non-corrosive to metal and is compatible with virtually all roofing, coping, flashing, sealants and facades. Prebuck has been tested for compatibility with a range of sealants, flashing and weather resistive barrier products as listed below. Contact your representative for a comprehensive list.

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

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## HANDLING & STORAGE

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

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## 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.

## TYPICAL PHYSICAL PROPERTIES

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.
Internal Bond	ASTM D1037	80 psi
Average Ultimate Bending Stress (MOR) Edge	ASTM D198	4800 psi
Average Ultimate Bending Stress (MOR) Flat	ASTM D198	5000 psi
Average Bending Stiffness (MOR) Edge	ASTM D198	1,000,000 psi
Average Bending Stiffness (MOR) Flat	ASTM D1198	1,000,000 psi
#12 Screw Withdrawal Face – 550lbs	WDMA TM-10	775 lb
#12 Screw Withdrawal Edge – 550lbs	WDMA TM-10	725 lb
Hinge Loading #12 Screw – 550lbs	WDMA TM-8	650 lb
Edge Impact Resistance – Pass	WDMA TM-15	PASS
Use in Direct Contact with Concrete	AWPA Category 2 (UC2)	Approved
National Green Building Certification	ICC 700-2008	Certification #000008
Specific Gravity – Face		.50
Specific Gravity – Edge		.42
Florida Product Approval		#FL6527-R11

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