Prebuck

INSTALLATION INSTRUCTIONS

PARAPET CAP BLOCKING

1. PURPOSE

1.1 The purpose of this document is to establish the proper assembly and installation instructions for the Prebuck Parapet Cap blocking. 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 Sales Representative or Technical Services may be contacted for assitance and approval as required.

2. SCOPE

2.1 This document will provide the necessary instruction for the assembly and installation of Prebuck Parapet Cap blocking. Prebuck recognizes that site specific conditions, weather patterns, and contractor preferences may require deviation or alteration from these prescrived installation procedures. When such circumstances exist, Prebuck recommends that the local Sale Representative or Technical Services be contact for assistance.

3. POSSIBLE SYSTEM COMPONENTS

3.1 Fasteners as specified
3.2 Dymonic 100
3.3 ExoAir 110AT
3.4 ExoAir 230
3.5 Roofing membrane
3.6 Roofing nails/staples
3.7 Metal coping system

4. AVAILABILITY

4.1 Prebuck Parapet Cap blocking can be purchased through a vast network of building material distributors throughout Canada and the United States. For disributor locations, visit www.prebuckproducts.com.

5. HANDLING & STORAGE

5.1 While transporting Prebuck Parapet Cap, keep the load level and covered with a weatherproof tarp, protecting the edges and ends from damage.
5.2 Store the Prebuck Parapet Cap off the ground under roof, tarp, or wrap, protected from moisture and weather, with proper ventilation.
5.3 Store Prebuck Parapet Cap in a flat orientation properly supported to prevent warping or deformation.
5.4 Use proper PPE when handling Prebuck LSL.

6. TOOLS

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

a. Tape measure
b. Marking utensil
c. Circular Saw or Sliding miter saw (optional)
d. Reciprocating Saw
e. Hammer Drill
f. Masonry Bit (confirm required bit size with fastener supplier)
g. Impact Driver
h. Drill bit or Nut driver sized for specified fastener
i. Square
j. Level or Laser Level
k. Safety equipment as required.
l. Compressed air, vacuum, or blower to remove dust from the drilled holes.

7. PREPARATION

7.1 Confirm receipt of all material by checking packing slip with the purchase order
7.2 Verify sizing ordered is per job site requirements.
7.3 If color coded by Prebuck, compare painted ends to site mapping.
    a. Color coding can be used to distinguish between varisous widths, different configurations for thickness and pitch, and/or the use of pre-drilled countersunk openings vs those not factory drilled.
7.4 Place color coded Prebuck Parapet Cap onto roof according to color mapping.
    a. Be sure to have necessary drill bits, adhesives, and fasteners as may be required.
7.5 Check the wall to assure that it is flat, straight and level, making any necessary remdiation that may be required.
7.6 Assure the top of the wall is dry, clean, and free of debris.
7.7 Apply any flashing or sealant as may be specified to the top surface of the parapet wall.
7.8 Pull covering off of the Prebuck Parapet Cap that you will be installing during the allotted time that day.

8. INSTALLATION PROCEDURE – CONCRETE AND CMU BLOCK WALLS

8.1 Identify a corner to start installation
8.2 Select one 16’ (4.87 m) length Prebuck Parapet Cap from the stack and begin by making a miter cut on the end.
    a. Miters may need special detailing when butting two different blocking widths to together.
    b. Cut ends do not need additional preservative treatment as the zinc borate is integrated throughout the entire cross section of the board.
8.3 Align the roof side of the Prebuck Parapet Cap edge with the inner edge of the parapet wall it will be anchored to (making special accommodations for any irregularities in the parapet wall).
    a. Some installations will require the blocking to overhang to the roof edge to accommodate insulation and/or sheathing, if needed create a spacer to align the the Prebuck Parapet Cap blocking accordingly.
8.4 Once aligned, begin drilling into the concrete masonry wall at each pre-drilled location in the Prebuck Parapet Cap.
    a. If the Prebuck Parapet Cap order is not pre-drilled and countersunk, then site layout and drilling is necessary.
8.5 Align the next 16’ (4.87 m) Prebuck Parapet Cap piece or mark the appropriate length and cut the piece to length.
    a. Normally cuts fall at the corner and the drop piece will be used as the first piece of the adjoining wall.
8.6 Continue drilling into the concrete wall through pre-drilled holes, and clean the debris out of the holes.
8.7 Once the holes have been cleaned, install the concrete anchors as specified. Ensure the top of the anchor does not protrude above the top surface of the Prebuck Parapt Cap.
8.8 Continue aligning, drilling and fastening around the perimeter until complete.
8.9 Cover with flashing, roof membrane, and coping as specified.

9. INSTALLATON PROCEDURE- WOOD FRAME/STEEL STUD WALLS

9.1 Identify a corner to start installation.

9.2 Select one 16’ (4.87 m) length Prebuck Parapet Cap from the stack and begin by making a miter cut on the end.

- a. Miters may need special detailing when butting two different blocking widths to together.
- b. Cut ends do not need additional preservative treatment as the zinc borate is integrated throughout the entire cross section of the board.

9.3 Align the roof side of the Prebuck Parapet Cap edge with the inner edge of the parapet wall it will be anchored to (making special accommodations for any irregularities in the parapet wall).

- a. Some installations will require the blocking to overhang to the roof edge to accommodate insulation and/or sheathing, if needed create a spacer to align the Prebuck Parapet Cap blocking accordingly.

9.4 Once aligned, pre-drill the Prebuck Parapet Cap at the required spacing and install fastener as specified.

9.5 Align the next 16’ (4.87 m) Prebuck Parapet Cap piece or mark the appropriate length and cut the piece to length.

- a. Normally cuts fall at the corner and the drop piece will be used as the first piece of the adjoining wall.

9.6 Continue to pre-drill and fasten the Prebuck Parapet Cap into place. Ensure the top of the fastener does not protrude above the top surface of the Prebuck Parapet Cap.

9.7 Continue to align and fasten the Prebuck Parapet Cap into place around the perimeter until complete.

9.8 Cover with flashing, roof membrane, and coping as specified.

10. CLEAN UP

10.1 Cut-off scrap can be discarded or recycled per local standards.