

BamCore® Prime Wall™ System

Installation Instructions

1 Installation

- 1.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, Report Number 1507-03 and the applicable building code.
- 1.2 In the event of a conflict between the manufacturer installation instructions and Report Number 1507-03, the more restrictive shall govern.
- 1.3 The BamCore Prime Wall Panels must be stored and handled to protect panels from damage during shipment and on the job site.
 - 1.3.1 If panels must be stored outside, stack them on a level platform supported by at least three 4x4s to keep them off the ground. Place one 4x4 in the center and the other two 12" (305 mm) to 16" (406 mm) from the ends. Never leave the platform in direct contact with the ground.
 - 1.3.2 Cover the stack loosely with plastic sheets or tarps. Anchor the covering at the top of the stack, but keep it open and away from the sides and bottom to ensure good ventilation. Tight coverings prevent air circulation and when exposed to sunlight, may promote mold or mildew.
 - 1.3.3 Please refer to the APA Technical Note E705, "*Proper Storage and Handling of I-Joists and LVL*" and the APA Builder Tips U450, "*Storage and Handling of APA Trademarked Panels*" for additional recommendations.
- 1.4 BamCore Prime Wall Panels shall be designed for dry use and shall be adequately protected from moisture and pests.
- 1.5 BamCore Prime Wall Panels shall be installed in accordance with the approved construction documents, the installation instructions provided with the shipment of panels, and Report Number 1507-03. In the event of a conflict between the manufacturer installation instructions, approved construction documents by a Registered Design Professional and Report Number 1507-03, the more restrictive shall govern.
 - 1.5.1 Generic details provided by BamCore shall be evaluated and revised by a Registered Design Professional for applicability to a specific building.
 - 1.5.2 Support for BamCore Prime Wall Panels (i.e., foundation walls, footings) shall be designed by a Registered Design Professional.
- 1.6 Support for BamCore Prime Wall Panels must be flat, level, free of debris and match the dimensions provided by a Registered Design Professional.
- 1.7 BamCore Prime Wall Panels are installed and aligned in accordance with the plans designed and submitted to the building official.
- 1.8 All panels are stamped with sequencing identification to correspond to the approved construction documents for easy placement in the correct location.
- 1.9 **Installation Procedure**
 - 1.9.1 Layout the bottom plate/track as shown on the approved construction documents. Attach to the structure above and below per approved construction documents.
 - 1.9.2 Install panels for the exterior side of the wall starting at a corner.
 - 1.9.3 Place adjoining panels per the numbered sequencing on the approved construction documents by placing each panel on/next to the plate.
 - 1.9.4 Fasten per Report Number 1507-03 and approved construction documents. Continue until all exterior panels are set.
 - 1.9.5 Repeat the steps above for the panels on the interior side of the exterior walls. Refer to approved construction documents to determine placement of additional blocking for deflection criteria to be met.
 - 1.9.6 Add panel blocking around each window and door to connect the panels on the interior and exterior sides of the exterior walls together.
 - 1.9.7 The top plate can either be set on blocking or clamped in place while fastening it to the panel. Fasten per Report Number 1507-03 and approved construction documents.
 - 1.9.8 Interior load bearing walls are installed in the same manner.
 - 1.9.9 For more details on the installation of BamCore Prime Wall Panels assemblies and subsequent installation of other trades within the assemblies, see www.bamcore.com.