



Aeratis Traditions Siding

Aeratis Traditions Siding is made with a proprietary PVC formulation. Aeratis siding is resistant to moisture, expansion and contraction, and termites. It cuts and installs with carbide woodworking tools and meets or exceeds most code requirements. For additional details, visit Aeratis.com.

Before Aeratis siding is installed, make sure all substrate/sheathing has been installed correctly and drainable weather resistant vapor barrier has been installed in accordance to manufactures and local building code requirements. Ensure that all flashing tape has been installed properly around windows, doors or opens.

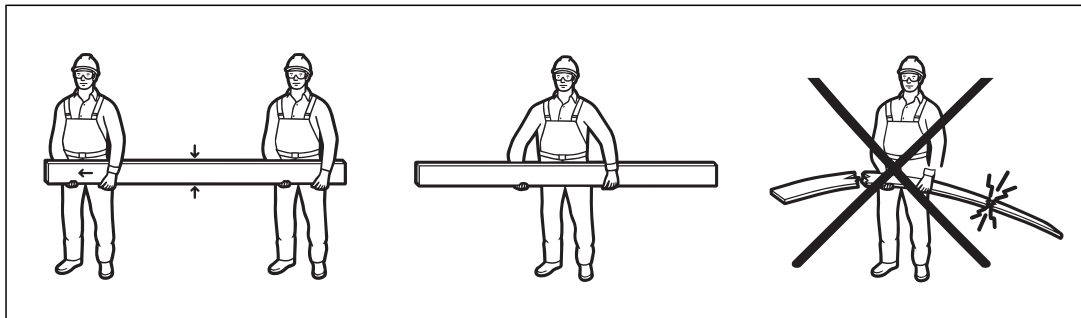
Take and moment and check that all areas are flashed properly prior to installing first row of siding. Keep in mind, Aeratis siding should never be cut longer than the space allows and then bowed and bound in place. All butt joints can be glued with PVC structural glue. Do not glue Aeratis siding to non-Aeratis trim boards.

Materials & Tools

- A. 6D or 8D x 2" - 2-3/4" stainless steel or hot-dipped hand-driven or pneumatic ring shank nails
(Length of Nail is dictated by thickness of sheathing.)
- B. High-grade exterior caulk
- C. Exterior acrylic paint
- D. Carbide Miter Saw or Equivalent
- E. PVC Trim Welder Adhesive
- F. Tape measure
- G. Eye protection
- H. Gloves
- I. Using pneumatic tools is recommended when applicable
- J. Standard Dust Mask

Storage And Handling

Product must be stored flat on a level surface in a clean, dry location. Keep product wrapped and protected from the elements until ready for installation. Installing product wet or saturated may void the warranty.



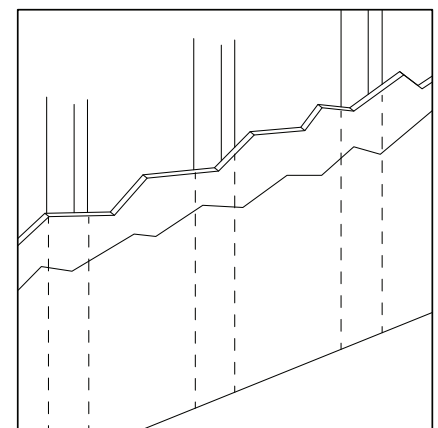
Carry boards with support; do not bend

Applications

Aeratis siding offers exceptional durability without sacrificing a true historic appearance. Aeratis products have been tested in a complete range of climates to be installed throughout the US. Approved for ground contact and contact with masonry or brick. Take precaution and avoid installing product in areas of standing water.

Approved Wall Preparation

- K. Aeratis siding must be installed on Traditional framing where framing or blocking is 16" on center.
- L. Sheathing must meet local building codes and Aeratis siding must be fastened through the studs a not just to the sheathing.



Studs 16" on center

Installing Flashing

- M. Install your step flashing along roof and wall lines using your weather barrier, flashing tape or z-flashing as counter flashing.
- N. Allow a minimum 1/4" clearance between the siding and the roof line to help debris to pass and not get hung in the transition.
- O. Siding may be installed right up against the trim or tucked behind the trim if trim has proper relief and

then sealed with a high-grade exterior paintable caulk.

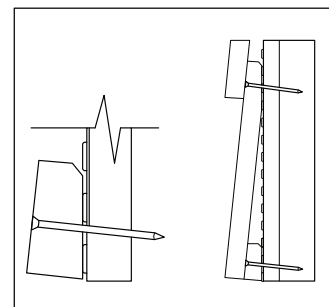
- P. Aluminum flashing or felt strips can be used behind all butt joints to reduce water infiltration and to keep glued joints from adhering to boards behind butt joint.

Starting First Board

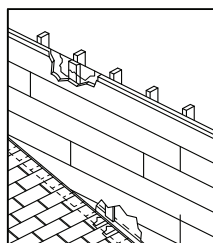
Once you have popped the initial level line, install Aeratis siding first board along this level line. Aeratis offers a level line on each following board along with a nailing line. Make sure nail is installed above nailing line to be able to hide fasteners.

Cutting Aeratis PVC Siding

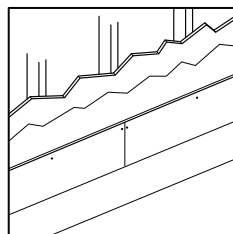
When cutting or shaping, avoid breathing dust. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, use respiratory protection. Always wear eye protection.



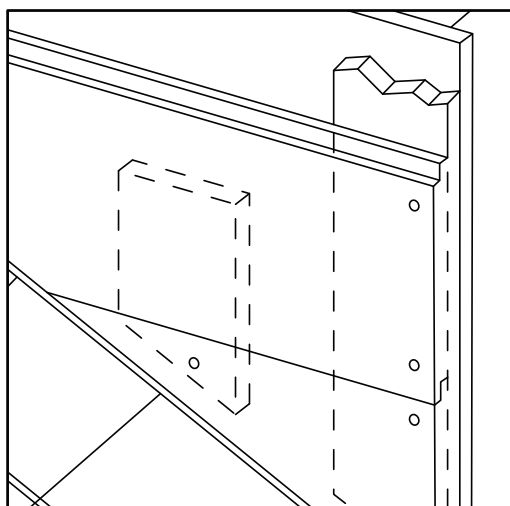
Starter Board



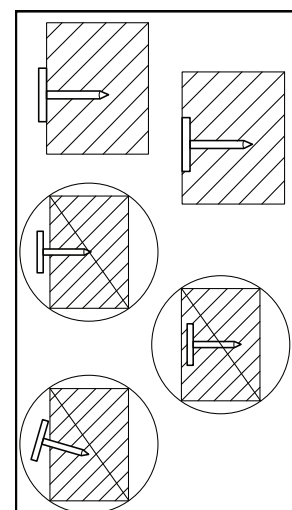
Roof Flashing



Joint Flashing Not Required



No Flashing Behind Joint



Fastener Seating

Installing Aeratis Siding

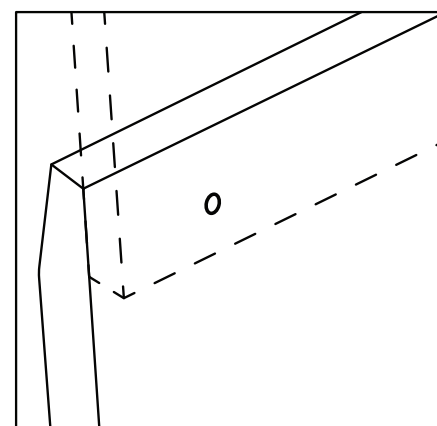
Ensure boards are dry and free from moisture before installing. Aeratis siding expands and contracts significantly less in temperature changes than vinyl, wood, engineered wood, and fiber cement siding. Joints can be installed butted together with no gap and no glue, for best practice can be glued with an Aeratis PVC Epoxy.

Around Window and Doors

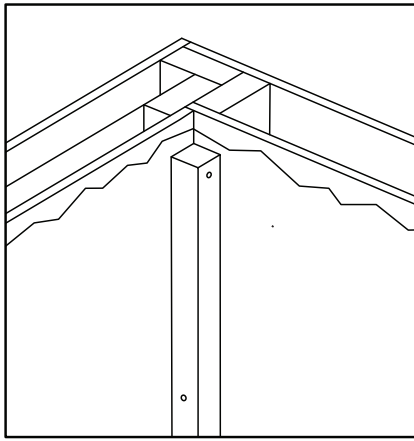
Aeratis siding should only be installed in a traditional horizontal application. Siding should be installed tight against the trim at the ends of each course. Where a course of siding runs underneath a window, you must face nail every 8" and cover the nail head with high-grade exterior caulk or wood filler. Seal all vertical joints along window and door edges with a high-grade exterior caulk per the manufacturer's guidelines.

Nailing Pattern and Tools

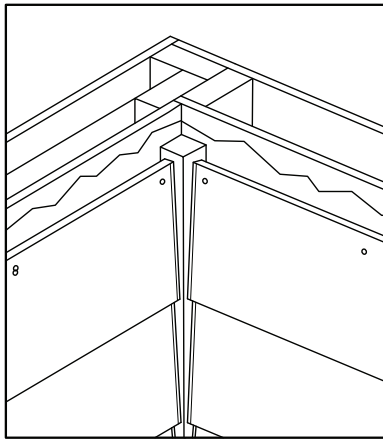
Aeratis recommends using the correct length of nail for the project. Aeratis requires in non-hurricane zones a minimum of 1" of nail in the stud. This means you will need to add the thickness of the siding at the nailing



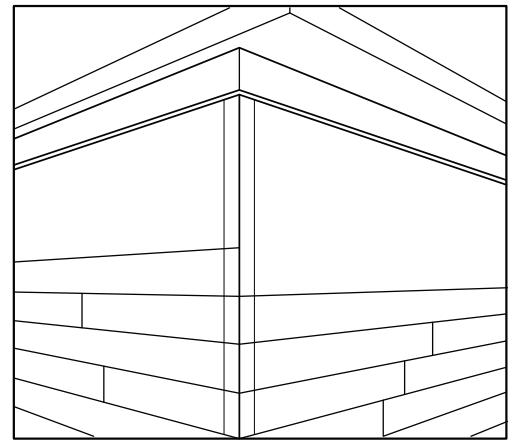
Level And Nailing Line



Inside Corner Trim



Siding At Inside Corner

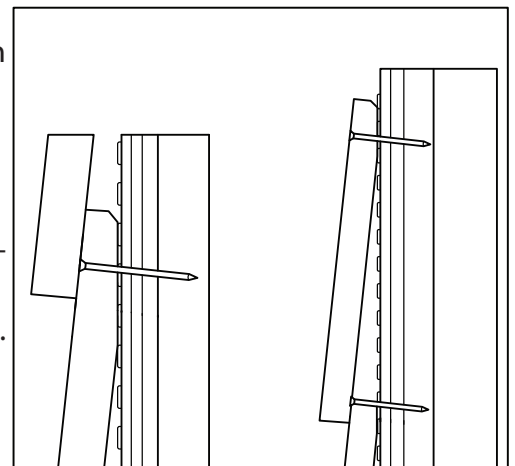


Finished Outside Corner

point (approximately 3/8") plus the selected vapor barrier, plus the exterior sheathing then 1" to penetrate the stud every 16" O.C. It is best practice to install Aeratis Lap siding and Cedar Shingles with a pneumatic nail gun shutter 2" (or correct length of fasteners for your job based on sheathing thickness) using a non-corrosive ring shank nail. Smooth nails can be used.

Cold Climate Installation

If Aeratis lap siding or cedar shingles are being installed below freezing temperatures, you may need to modify the PSI at the pressure regulator. It is best practice to have your PSI set between 95-100 PSI. The variation will depend on the density of the wood studs and sheathing. Below freezing you will need to reduce pressure down to between 80-90 PSI and ensure any nail heads are flush with the surface of the siding. Adjustments may be needed to ensure proper fastener penetration.



Nailing Detail

Painting Aeratis Siding

Aeratis siding must be painted. Ensure the surface is free of oil, moisture, dust and debris. Only use water-borne acrylic based paints. Oil based paints or stains should not be used. Siding can be painted with a brush, roller or sprayer. There is not limit to the color Aeratis Trim can be painted.

APPLICATIONS DRAWINGS BELOW

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When installing siding, the recommended grade clearance (distance from the ground) is a serious consideration. Proper drainage and preventing damage from moisture and pests that may come into contact with the ground level; With Aeratis PVC Siding Products you can take this down to grade without worry.

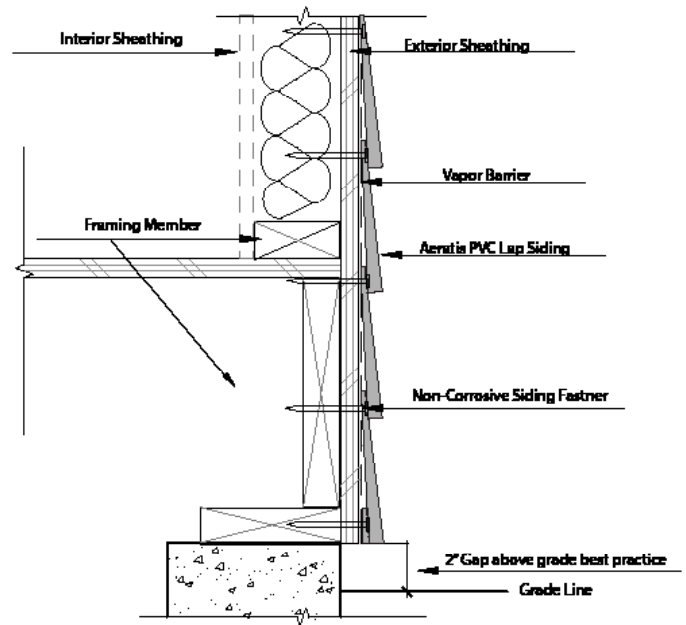
Minimum Clearance:

Some building codes have a minimum clearance requirement between the bottom of the siding and the ground. Check with local building codes

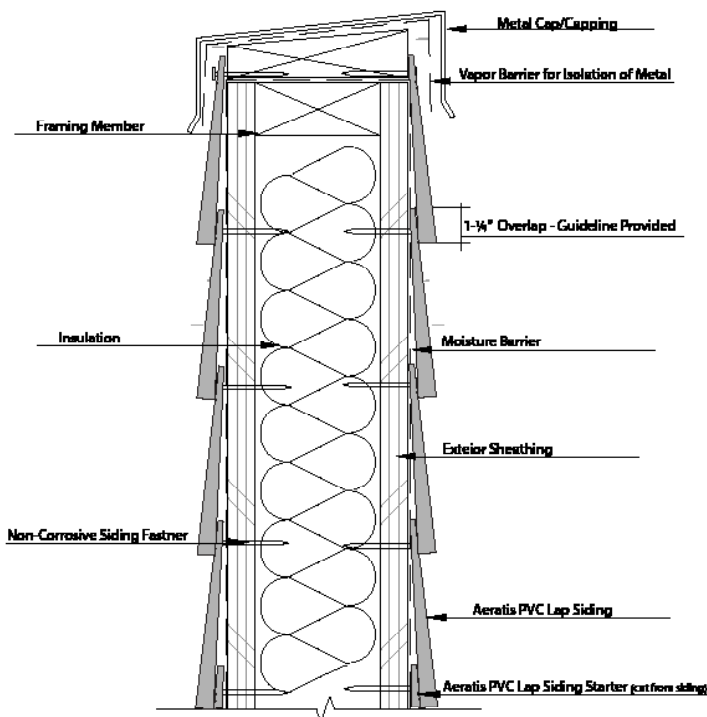
Siding Type Matters:

While 6-8 inches is a standard, some siding materials like wood may require slightly more clearance due to potential rot issues. With Aeratis PVC Lap siding, the siding continued down to grade. When choosing the right siding, a good choice matters and this is most likely the last siding product installed on the current project.

Grade Clearance



Parapet/Rampart



Keynotes on Parapet or Ramparts: Make sure the cap is sloped the proper direction and make sure the flashing cap comes down below the lap line.

Ensure a non-corrosive fastener is used to secure the cap member.

Installation process for over Windows and Doors:

Prepare the opening:

Ensure the wall is properly wrapped with house wrap before installing flashing.

Cut and position flashing:

Measure and cut the flashing pieces to fit the window or door opening, ensuring proper overlaps between sections.

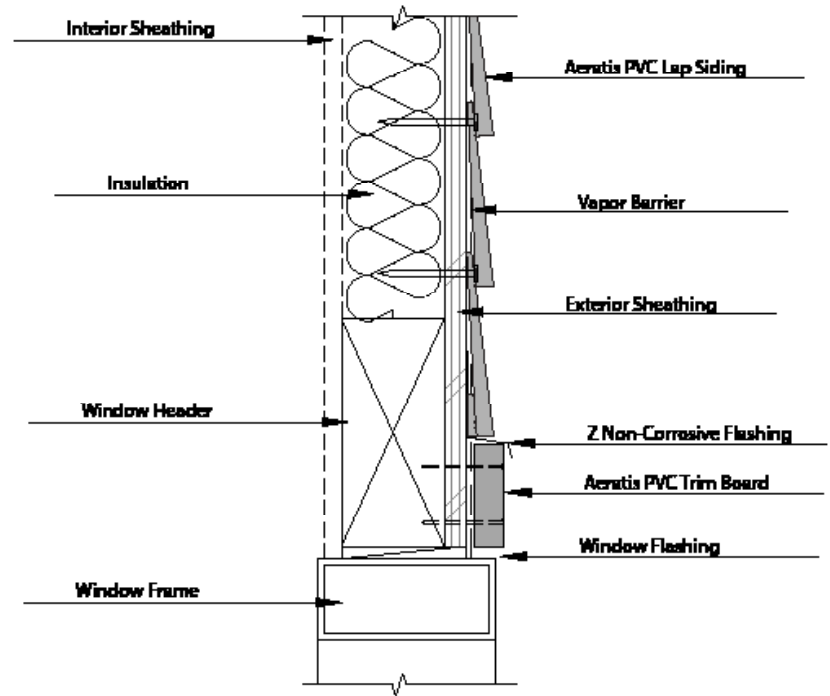
Secure the flashing:

Adhesive backing & mechanical fasteners should be used to attach the flashing to the wall.

Seal gaps:

Carefully seal any gaps between the flashing and the window/door frame with sealant.

Widow/Door Header



Installation Questions

If your installation is outside of the above information, please give us a call at 888.676.2683.