

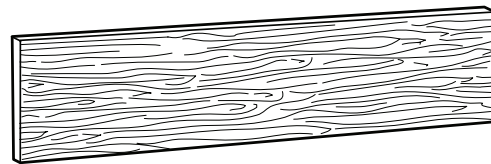
Penetrations

As a best practice for building penetrations 1½” in diameter or larger, such as hot air vents, hose bibs, and light and electrical outlets, a mounting block should be installed to restore the weather-resistant barrier of the home after cutting a hole for the penetration.

Refer to the illustrations shown here for the proper cutting and installation of Allura Fiber Cement Siding around trim blocks for a variety of external pipe and receptacle penetrations. The installation is basically the same for all applications referenced.

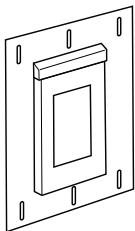
Mounting Blocks

Mounting blocks can be created from cutting sections of 5/4”, 4/4” Plycem Fiber Cement Trim Board or by using pre-fabricated mounting blocks and flashing products that are available for purchase.

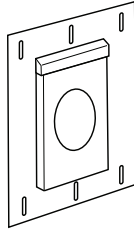


5/4”, 4/4” Plycem Fiber Cement Trim Board

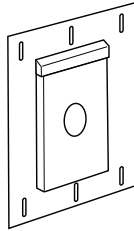
Note: Use 5/4” for Lap siding and 4/4” for Vertical Panel



Receptacle Outlets
Standard Lights



Dryer &
Hood Vents

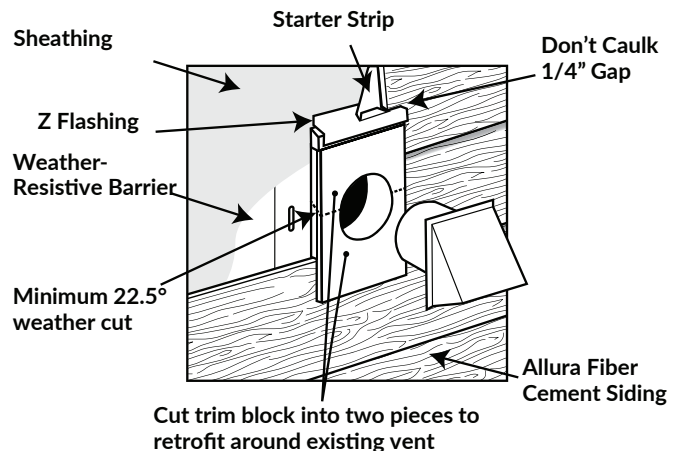


Spigots
Gas Lines
Bibb Lines
Doorbells

Hot Air Vents

The trim block must be mounted directly over the sheathing and weather-resistant barrier. For pre-existing vent pipes and hose bibs, the trim block must be cut into two pieces to retrofit around the existing pipe. The dividing cut must be made on a 22.5 degree weather cut angle.

(Continued on reverse side)



TECHNICAL BULLETIN *Penetrations*

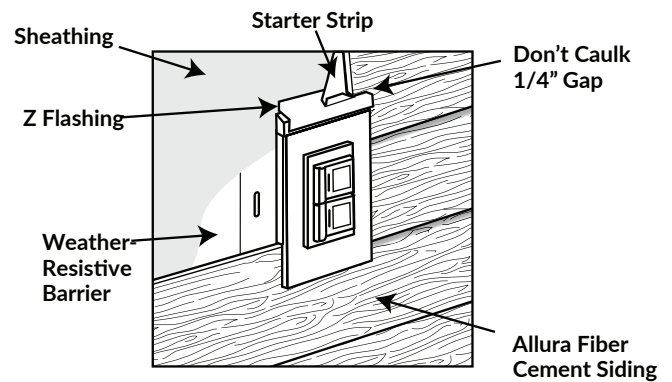
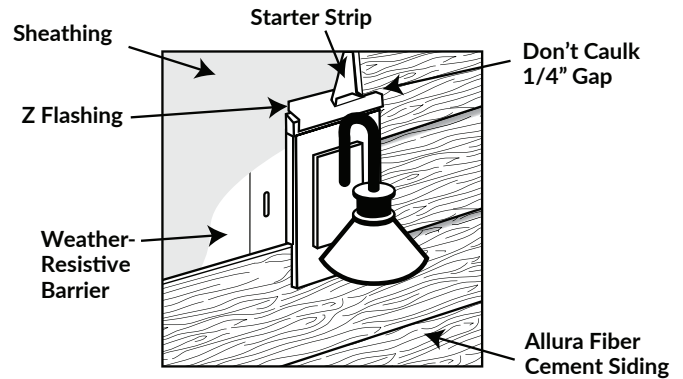
Lighting and Electrical Outlets

Install a piece of Z Flashing over the top of the trim block.

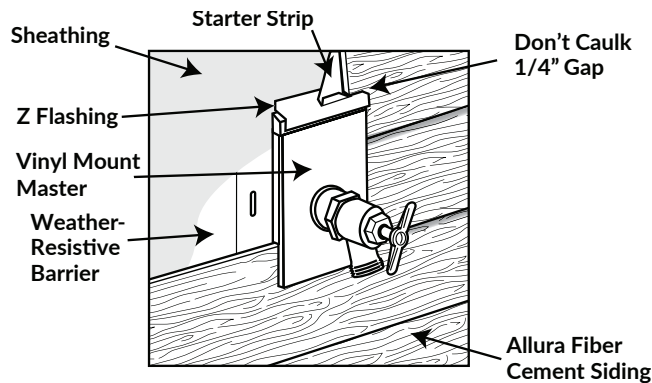
Install a starter strip over the top of the Z Flashing and the trim block when required to shim gap.

The Allura Fiber Cement Siding should be cut and installed around the trim block leaving a 1/8" gap at the bottom and sides and a 1/4" gap at the top.

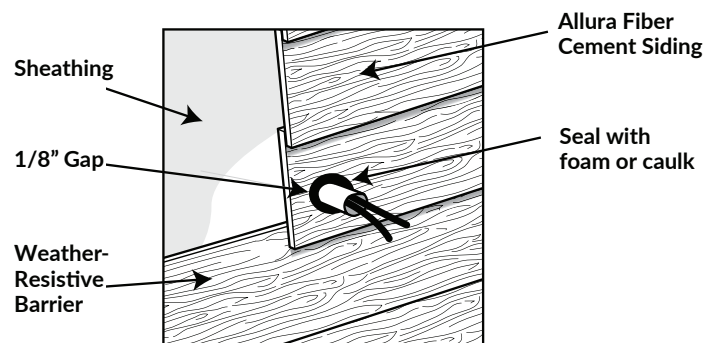
Do not caulk the top 1/4" gap. Do caulk bottom and side 1/8" gaps.



Spigots and Hose Bibs (larger than 1 1/2" diameter)



Wire, Conduit, or other Fixed Pipes (less than 1 1/2" diameter)



Note: No trim block required for conduits, wires or pipes less than 1 1/2" diameter.