

Technical Note No. 058



LP® SmartSide® Installed with J-Channel Windows & Doors

This Technical Note is an addendum to all LP® SmartSide® Application Instructions. It is intended to provide alternate flashing options for LP SmartSide siding products above windows, doors and accessories. The Instructions remain effective except as may be modified by this Note. Refer to the Instructions for all other aspects of installation.

LP® SmartSide® products installed around exterior wall openings:

There are two alternate options for installing LP SmartSide siding products around J-channel integrated windows, doors and accessories. Follow the same guidelines for windows and doors when installing accessories like dryer vents, etc. with J-channel.

NOTE: Siding cannot be tucked into the J-channel pocket at the top of windows or doors.

- Z-flashing must be installed and properly integrated with a water-resistive barrier at the top of the window, door, or accessory.
 - Z-flashing will allow water to drain away from the window/door and wall, rather than be captured in the J-channel at the top of the window/door.
- Seal all field cut ends and edges with a high-quality primer, paint or combination thereof (Refer to paint manufacturer for instructions).
- Insert siding into the J-channel at sides and bottom of window/door.
 - Maintain a minimum 3/16" space between siding and inside edge of J-channel.
 - Do not use sealant (caulk) at siding and J-channel intersections except as noted in the details below.

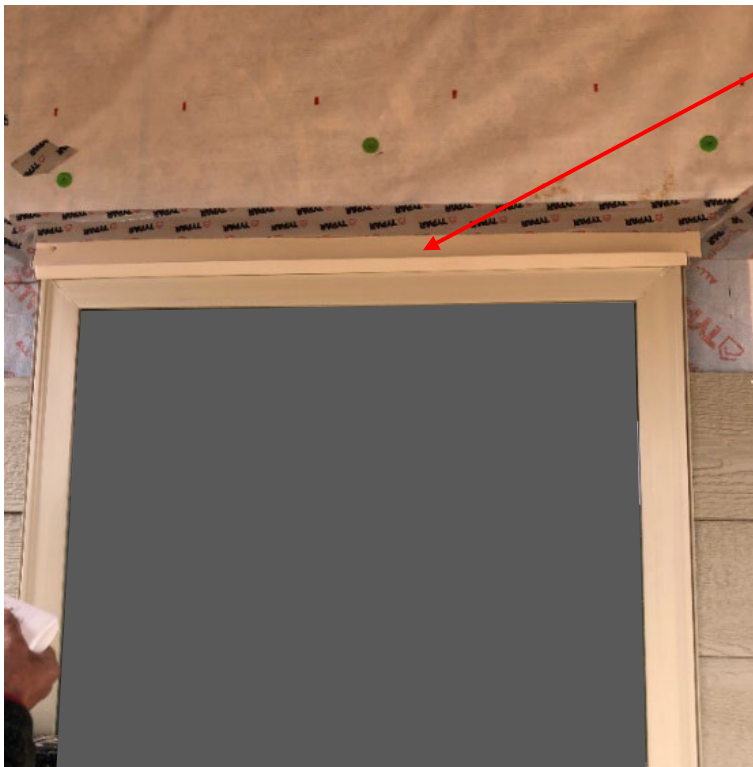
Be sure to follow the trim & siding manufacturer, window manufacturer, water-resistant barrier manufacturer, sealant manufacturer, and flashing manufacturer installation instructions.

Siding installed with J-channel integrated windows may be detailed as illustrated in the following images.

Option 1 – Lap Siding (no trim around window):

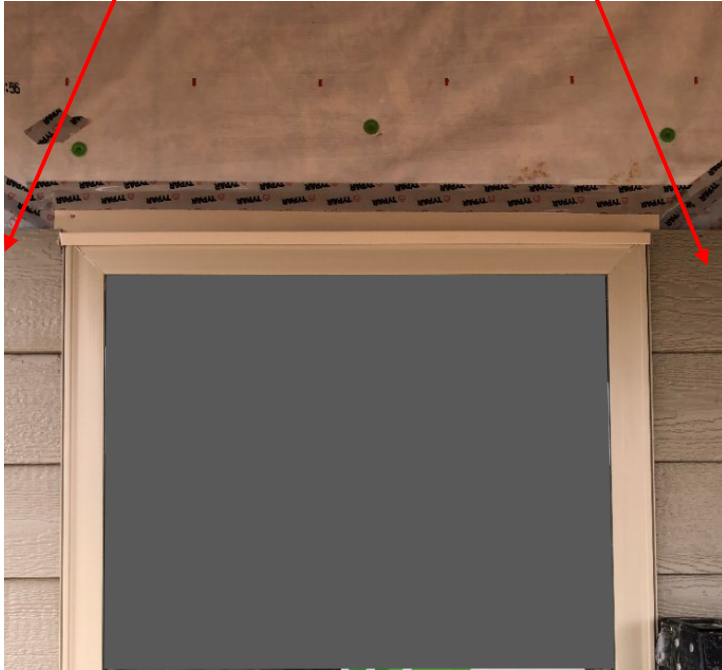


Properly install sloped Z-flashing above window



Properly install sloped Z-flashing above window (add flashing/WRB tape as needed)

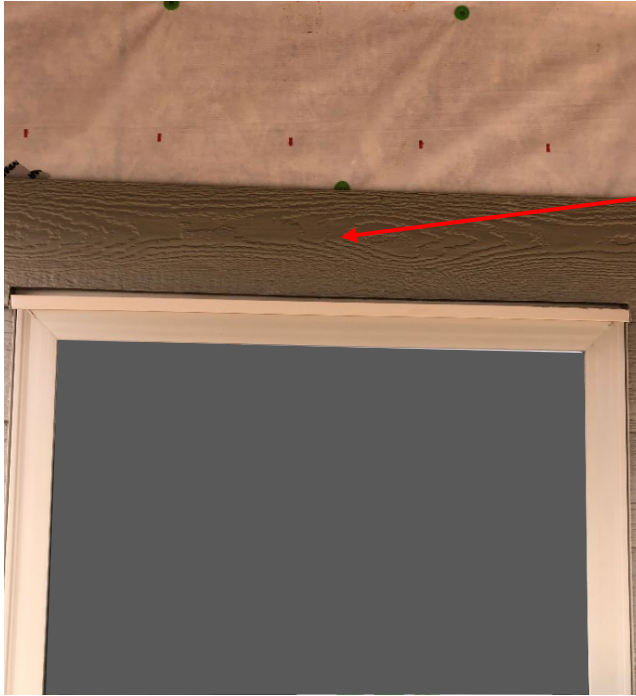
Install lap siding along both sides of windows



Maintain minimum 3/16" space at ends and cuts of siding

Properly touch-up cuts and exposed substrate

Ends and edges tucked into J-channel



Install lap siding above window



Maintain minimum 3/8"
clearance above Z-flashing

Maintain minimum 3/16" space
at ends and cuts of siding

Properly touch-up cuts and
exposed substrate

Ends and edges tucked into
J-channel

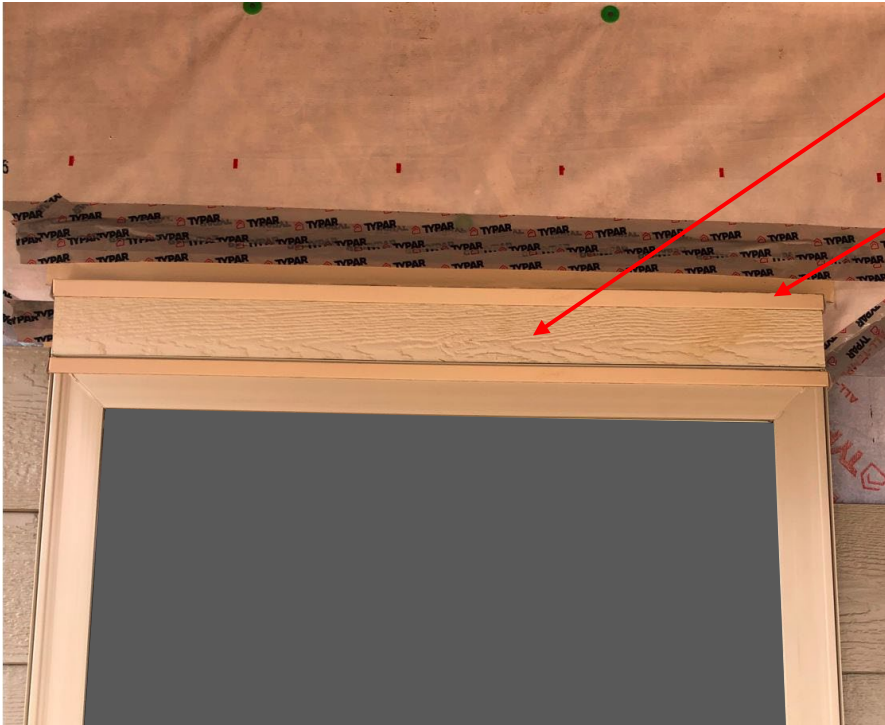


Add sealant at corners to promote proper water run-off, sealant must meet or exceed ASTM C920, Class 25

Option 2 – Lap Siding with header Trim (no side or bottom trim):



Properly install sloped Z-flashing above window (add flashing/WRB tape as needed)



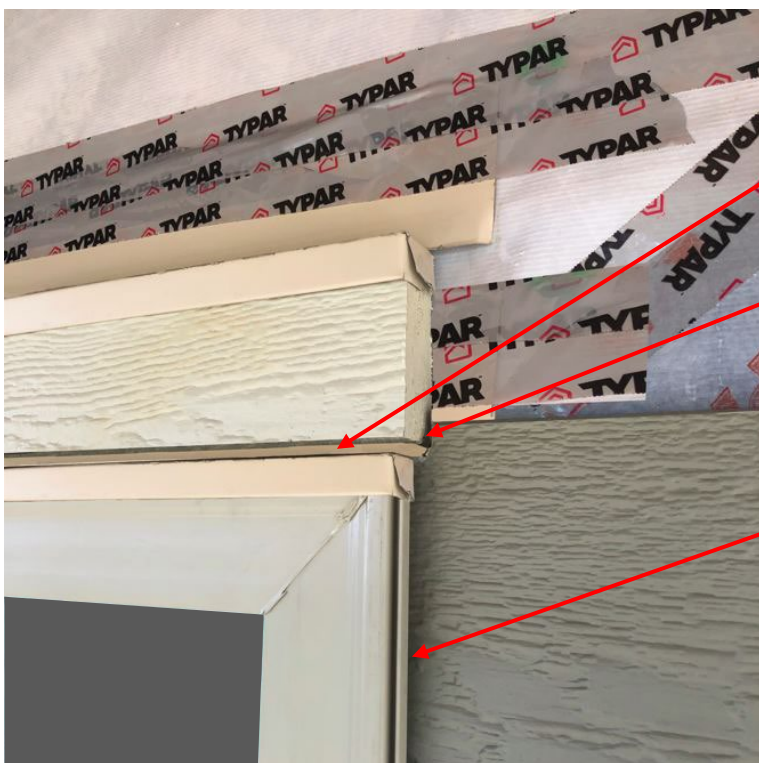
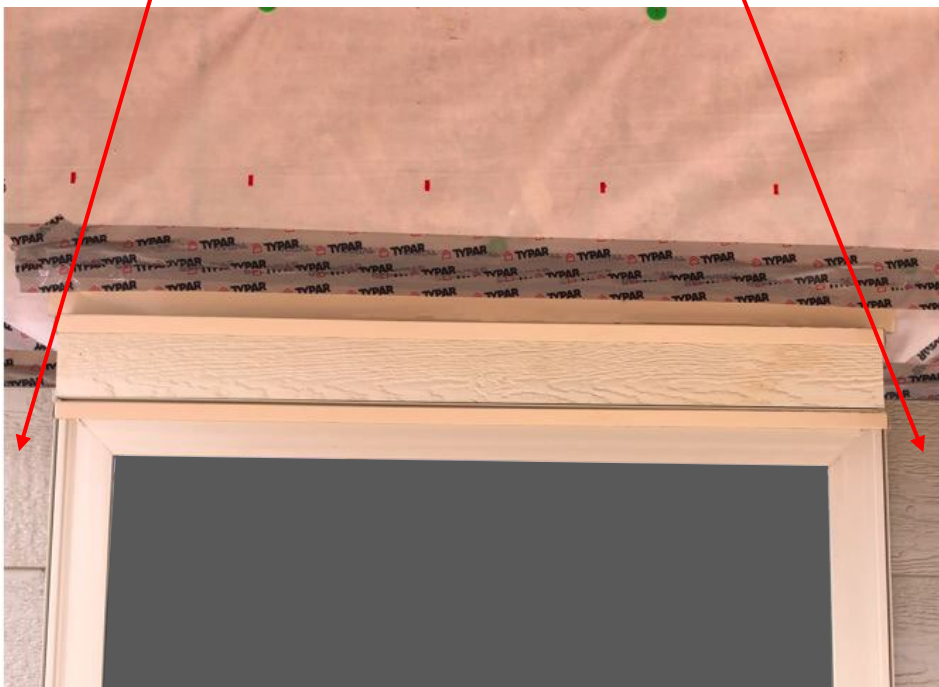
Properly install 5/4 trim over window and maintain min. 3/8" clearance above Z-flashing (touch-up cut ends of trim)

Properly install sloped Z-flashing



Properly install sloped Z-flashing (add flashing/WRB tape as required)

Install lap siding along both sides of window



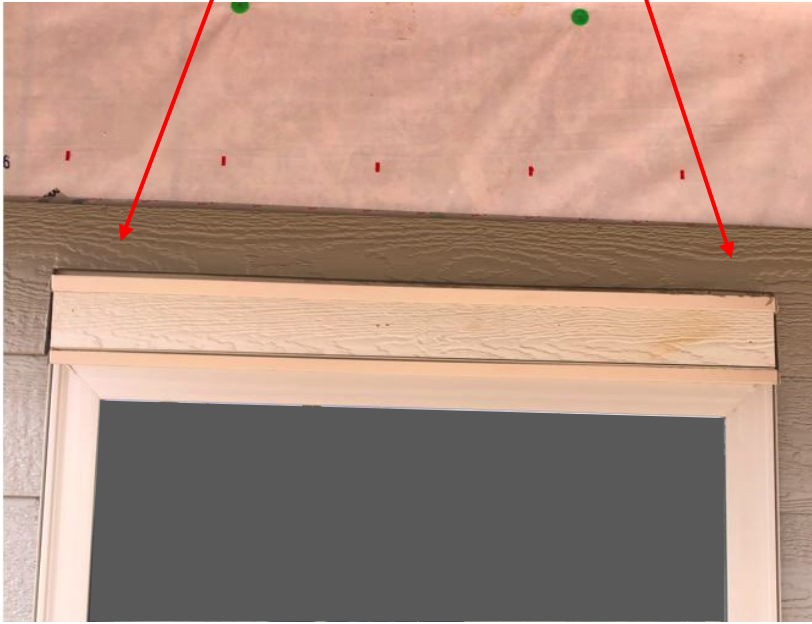
Maintain minimum 3/8" clearance above Z-flashing

Maintain minimum 3/16" space at ends and cuts of siding

Properly touch-up cuts and exposed substrate

Ends and edges tucked into J-channel

Install lap siding above window

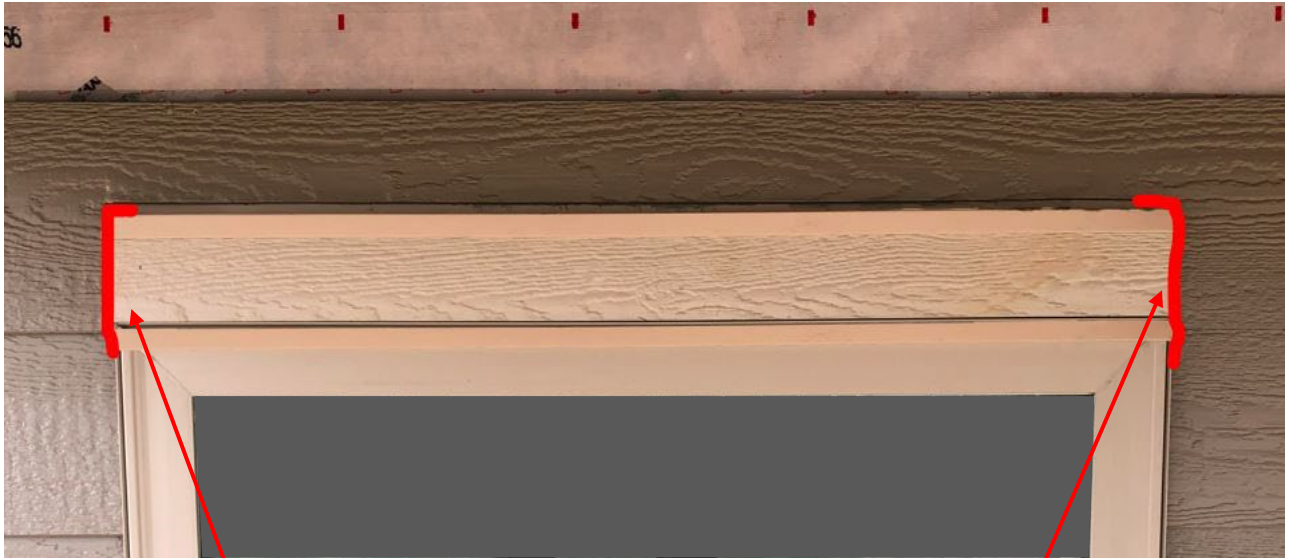


Maintain minimum 3/8" clearance above Z-flashing

Maintain minimum 3/16" space at ends and cuts of siding

Properly touch-up cuts and exposed substrate

Ends and edges tucked into J-channel



Add sealant at corners to promote proper water run-off,
sealant must meet or exceed ASTM C920, Class 25