

Installing LP® CanExel® Prefinished Lap Siding on Rigid Foam Insulation over Furring Strips (Strapping)

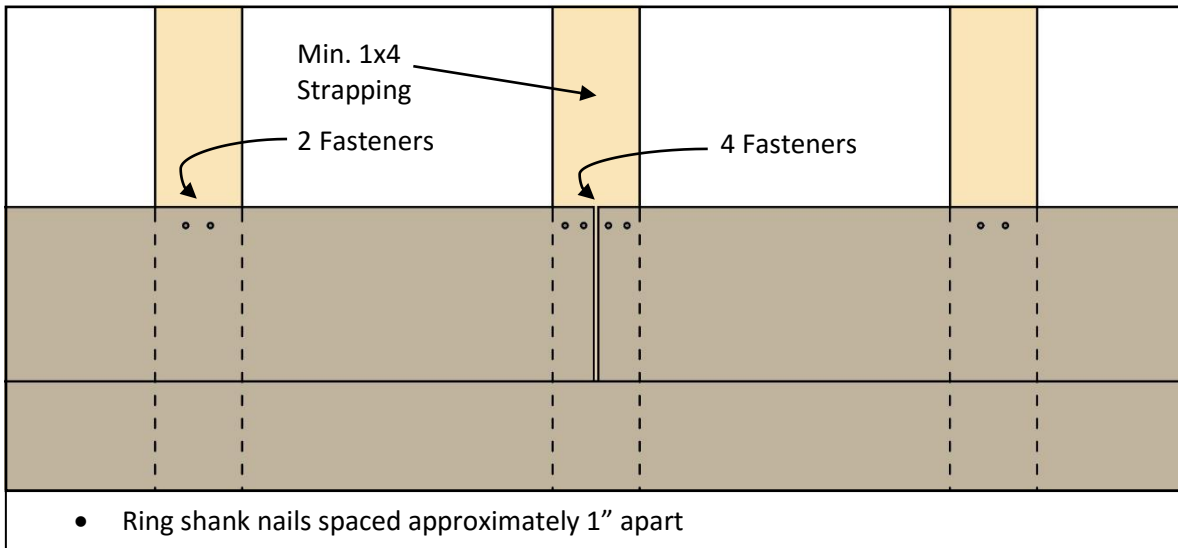
This Technical Note is an addendum to the LP® CanExel® Ced’R-Vue Prefinished Lap Siding and LP® CanExel® Ridgewood/Ultra Plank Prefinished Lap Siding Installation Instructions (“Instructions”). It is intended to provide an alternative fastening option for CanExel Ced’R-Vue and Ridgewood over furring strips (strapping) atop rigid foam insulation. The Instructions remain effective except as may be modified by this Note. Refer to the Installation Instructions for all other aspects of product installation.

Lap siding may be installed over furring strips (strapping) atop rigid foam insulation:

- Lap siding must be installed over a minimum 1x4 inches nominal size Southern Pine strapping with a specific gravity greater than or equal to 0.55.
 - Install strapping no more than 16” o.c. in wind speed areas \leq 200 MPH¹
- Siding shall be installed to safely support all loads, including wind loads, of the locally adopted building codes. The installation of siding shall result in a system that provides a load path that meets the requirements for the transfer of loads from their point of origin through the load-resisting elements to the structure. **The mechanical connection of the strapping to structure is the responsibility of a design professional.** LP assumes no liability for any loss or damage caused by the design of the mechanical connection of the strapping to the structure and is expressly released by the purchaser or owner from any such loss or liability.
- Minimum Siding Fastener Type:
 - Corrosion Resistant = Hot-dipped Galvanized or equal (ASTM A153)²
 - Ring Shank^{3,4}
 - Shank diameter = 0.120 inch
 - Length = fastener shall fully penetrate a min. 1/2 inch into nailable strapping
- LP always requires the use of a water-resistive barrier (WRB) behind LP CanExel products. LP has no responsibility for any damage arising from a failure to use a WRB.

Lap Siding

- Limitations:
 - For use with LP® CanExel® Ced’R-Vue Prefinished Lap Siding and LP® CanExel® Ridgewood/Ultra Plank Prefinished Lap Siding
- Fastening Requirements:
 - Blind nail 2 ring shank nails per strap (**every 16” o.c.**)
 - Blind nail 4 ring shank nails per strap at vertical joints



¹ Wind speed is Ultimate Design Wind Speed/ Zone 5/ 10 ft²/ 30 foot height.

² Corrosion resistance and capable of preventing rust, stain and deterioration of the fasteners under normal outdoor environmental conditions for a period of no less than 50 years. For further information or guidance, consult your nail supplier/manufacturer.

³ Ring shank nails shall be capable of the performance specified in Table 1A Ring-Shank Nail Withdrawal Loads of APA publication TT-109, *Wood Structural Panels Used as Nailable Sheathing* when tested in accordance with ASTM D 1761, *Standard Test Method for Mechanical Fasteners in Wood* and NDS-2015. For further information or guidance, consult your nail supplier/manufacturer.

⁴ All deformed shank fasteners are not equal in withdrawal capacity. Spiral shank fasteners are not equal to ring shank fasteners in withdrawal capacity and cannot be substituted.