

## Sheathing Only Fastening – LP® SmartSide® Fiber Substrate (6" & 8") Lap

This Technical Note is an addendum to the LP® SmartSide® Fiber Substrate Lap Siding Application Instructions and is strictly limited to 6 inch and 8 inch wide lap siding. LP will warrant Fiber Substrate Lap Siding for buckling provided the terms of this Technical Note are strictly met.

### Alternative Fastening Option over Wood Structural Panels - Blind Nailing:

- Limited to fiber substrate 6 inch and 8 inch wide lap siding
- Wood structural panels must be a minimum 7/16 Category with an APA Trademark that contains the consensus Standard DOC PS 1 or PS 2.
- Fastener Type:
  - Corrosion Resistant – Hot Dipped Galvanized or equal nail (ASTM A153)<sup>1</sup>
  - Ring-shank nail<sup>2</sup>
  - Shank diameter = 0.092 inches
  - Length = fastener shall fully penetrate nailable sheathing by at least 1/4 inch
- Fastener Spacing:
  - Limited to wind speeds areas not to exceed 130 mph ( $V_{asd}$ )<sup>3</sup> or 168 mph ( $V_{ult}$ )<sup>4</sup>
  - Exposure B, mean roof height 30' or less = 12" o.c.
  - Exposure C, mean roof height 30' or less = 12" o.c.
  - Exposure D, mean roof height 30' or less = 8" o.c.
- Fastener placement must be consistent with the LP® SmartSide® Fiber Substrate Lap Siding Application Instructions.
- Strictly adhered to all other aspects of the LP® SmartSide® Fiber Substrate Lap Siding Application Instructions.

### Footnotes:

<sup>1</sup> Corrosion resistance must be warranted and capable of preventing rust, stain and deterioration of the fasteners under normal environmental conditions for a period of no less than 50 years. For further information or guidance, consult your nail supplier/manufacturer.

<sup>2</sup> Ring-shank nails shall be capable of the performance specified in table 1A-Ring-Shank 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. For further information or guidance, consult your nail supplier/manufacturer.

<sup>3</sup>  $V_{asd}$  = ASCE 7-05 (2000 IRC, 2003 IRC, 2006 IRC, 2009 IRC, 2012 IRC)(2000 IBC, 2003 IBC, 2006 IBC, 2009 IBC)

<sup>4</sup>  $V_{ult}$  = ASCE 7-10/ASCE 7-16 (2015 IRC, 2018 IRC)(2012 IBC, 2015 IBC, 2018 IBC)