

# SIPS JOBSITE INSTALLATION BEST PRACTICES

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1. Handle SIPS with appropriate care. Protect SIP corners and avoid lifting SIPS by edge of top facing.
2. Store SIPS and accessories a minimum of 3 inches above ground/surface. Support SIPS flat on minimum of 3" wide stickers with length equal to the width of the SIPS with stickers placed no further than four feet on center, or equivalent.
3. Protect SIPS and accessories from weather with breathable covering and avoid SIP exposure to weather for an extended period of time. Exposure to moisture can cause wood products to swell making installation more difficult. Protect SIPS from weather as soon as practical after installation.
4. Install fasteners flush to SIP facing surface. Be sure not to overdrive screw heads into SIP facings.
5. If field cutting openings be sure that the edge of the opening cuts stop at a common corner. Continuation of the cut past the corner significantly decreases the structural capacity of the SIP.
6. Provide level and square foundations and/or supporting floors. Remove debris from sill plate before SIP installation.
7. Install SIPS in accordance with approved drawings. Double check SIP sizes and electrical chase orientation with SIP Layout Drawings before installation.
8. Details specifying SIP tape and sealant application must be followed.
9. Provide adequate bracing of SIPS during installation.
10. Follow proper nailing requirements according to details and job specific engineering. Be sure to adjust your nail gun so that nail head is flush to SIP facings.
11. Use factory provided electrical chases in SIP core or surface mount conduit. Facings should not be cut horizontally or vertically if additional chases are required. Consult your SIPS representative to discuss options.
12. Make sure to pre-drill top and bottom plates for the vertical electrical chases in the wall SIPS. Pre-drill drill vertical members at horizontal chase locations.
13. SIPS can be heavy. Lift and place SIPS with appropriate equipment.
14. When using 2x, engineered wood, or i-joist splines, use only continuous members; structural splines must be continuous between supports.
15. Provide appropriate bearing for roof SIPS per details.
16. Before covering roof system make certain that osb moisture content of top+ bottom facings, and spline material doesn't exceed apa maximum moisture content recommendations.
17. Make sure SIPS are clean and dry before applying interior or exterior materials.
18. All SIP roof penetrations should be reviewed by a licensed structural engineer.
19. Use code recognized flashings and exterior wall and roof coverings.

20. Use code recognized thermal barriers on interior per building codes.
21. Plumbing should not be installed within SIPS; see pbs-112 and pbs-111 for alternatives.
22. Fill all voids with expanding foam compatible with eps.
23. SIP structures should be reviewed by a licensed structural engineer. SIP supplier is not responsible for errors in design or engineering.
24. Engineered details take precedence over generic details.
25. Project must meet local code.
26. Field modifications to SIPS, such as openings and penetrations, should be reviewed by a licensed structural engineer.

## **SIPS DELIVERY**

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We do our best to ship SIPS sequenced per client request. However, we must also make best use of the available space on each shipment, and ensure that the load is safe for transportation. Bear in mind that all SIPS have markings which make for a smooth identification process. If you desire a special loading plan, that request, and layout, must be made concurrent with the return of the signed SIP Layout Drawings and may be subject to an additional fee due to impact on yield, and the total number of shipments required. SIPS are fabricated at 4' & 8' widths and up to 24' lengths. 6' Forks are required for 8' wide SIPS (refer to the contract of sale for more information or ask pbs for a delivery information sheet).

As a supplier of materials only, pbs does not assume responsibility for errors in design, engineering, or dimensions. Owner/agent (architect, contractor, and/or installer) shall verify all dimensions and sizes, and by signing these plans, the owner takes full responsibility for their accuracy. I understand that this structure is to be assembled in accordance with the Premier SIPS resource manual.