Premier's Tips for SIPs Success

- Project must meet local code.
- Confirm your installation date at least two weeks prior to requesting on-site assistance.
- Schedule a preconstruction meeting with your installation crew (concrete, plumbing, electrical, siding, roofing, etc.).
- Inventory materials when you receive them.
- Check all SIPs for proper cuts and recesses.
- Double check SIPs sizes and compare to shop drawings before installation.
- Engineered details take prescedence over PBS details.
- PBS details regarding mastic and SIPs tape need to be followed.
- Any changes required at the job site should be communicated with the technical representative.
- Make sure your foundation or floor is level and square.
- Fabricate and pre-install dimensional or I-joist spline material as specified.
- Review engineering for hold downs if applicable.
- Make sure to pre-drill the top and bottom plates for the vertical electrical chases in the wall panels.
- Do not put plumbing inside SIPs.
- Do not cut the skins (OSB) for extra electrical chases or plumbing.
- Do not pick up the SIPs by the edge of the top skin.
- Remove debris from sill plate before you place the SIP wall panel on it.
- Use mastic on all connections as shown in the PBS details.
- Make sure that both of the wall SIPs skins are bearing on the floor.
- Follow proper nailing requirements according to details and job specific engineering.
- Plumb each SIP in each direction, then secure with nails.
- Fill all voids with expanding foam.
- Do not apply interior or exterior materials over wet SIPs.

Testing

Extensive Testing = Accurate Data

We believe that engineered wood products such as structural insulated panels (SIPs) cannot be understood unless full-scale, destructive testing is performed to obtain absolute values. Extrapolating data for structural design calculations is risky at best.

A History of Third Party Monitored Testing

Premier credits a reputation for quality to testing that began in 1968. In 1997 we charted our widest course yet by embarking on an industry leading comprehensive structural test program. These full scale destructive tests by independent code recognized laboratories have allowed Premier to achieve some of the highest load capacities of any SIPs products in the industry.