Premier Building Systems Produces Critical Component for Zero-Energy Homes

(Fife, WA) – Premier Building Systems, North America’s largest manufacturer of Structural Insulated Panels (SIPs), offers one of the key components for those working to build a zero-energy home.

PBS SIPs are one of today’s most innovative exterior framing products, on their own offering proven heating and cooling savings of up to 60%. When paired with other critical energy saving components such as solar or photovoltaic panels and radiant heating, homes and buildings that are constructed out of PBS SIPs can regularly achieve zero-energy status.

Used for the entire building envelope to construct roofs, walls and floors, PBS SIPs are composed of one layer of expanded polystyrene (EPS) insulation sandwiched between two layers of oriented strand board (OSB). The construction and structural integrity of PBS SIPs offers an alternative framing method that is more energy-efficient and cost-effective than traditional stick-frame construction.

PBS SIPs reduce construction costs and jobsite waste by producing pre-fabricated panels for faster installation. Premier buildings are regularly framed in days rather than weeks, both minimizing jobsite construction waste and protecting the external environment. Due to the green quality of SIPs, homeowners that use SIPs can qualify for significant tax credits, incentives and environmental certifications such as the United States Green Building Council’s LEED® (Leadership in Energy and Environmental Design.)

SIPs also offer a cleaner and healthier indoor environment, and are so significant to airtight construction that the U.S. Department of Energy’s Energy Star® program has waived its blower door test for all SIPs construction across the U.S. In addition to enhanced time and energy savings, SIPs are stronger, providing a more durable structure than stick-frame construction.

As a division of Insulfoam, Premier Building Systems continues to lead the construction industry in the development and production of high-performance, energy-efficient building materials. Headquartered in Fife, WA, Premier operates manufacturing facilities in Fife and Phoenix, AZ. For more information, call 800.275.7086, email info@pbssips.com or visit www.pbssips.com.