

For Immediate Release

PaceMaker Building Systems

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Structural Insulated Panels (SIPs) from PaceMaker Building Systems gain recognition for design and construction flexibility

Newcomerstown, OH (1/19/04) - - PaceMaker Building Systems is a leading national manufacturer of structural insulated panels (SIPs) and custom laminated panels for residential and commercial construction. SIPs have emerged as a very popular method of building based largely on the construction speed, cost, structural strength and energy efficiency advantages they have over traditional stud and truss built structures. Because these benefits are so significant many architects and builders who have not worked with a leading SIPs system manufacturer like PaceMaker are unaware of the considerable design and construction flexibility features they provide.

SIPs are high-performance building panels for floors, walls and roofs, typically made with expanded polystyrene (EPS) rigid foam insulation sandwiched between two structural skins of oriented strand board (OSB), or other surface types.

“Anything you can build with two-by-fours you can do with SIPs,” said Tim Gaumer PaceMaker Sales Manager. “Over 90% of the projects we work with are originally designed around conventional stick frame construction. We convert the design to panels and deliver an architecturally precise building with improved structural integrity.”

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A sampling of the numerous architectural elements that SIPs support includes:

Vaulted Ceilings: Long span, high vaulted ceilings up to 30 ft. or higher are commonly constructed with SIPs roof panels. Grand foyers or great rooms, with second floor overlook balconies are often the result, all with unmatched cost and energy efficiency.

Walls: SIPs offer advantages for walls of all sizes, shapes and cut-out patterns, including those of 14 to 16 ft. in height. It is often difficult and costly to find a 16 ft. stud of lumber quality that won't bow. A 16 ft. SIPs panel is sturdier, easier to handle, will go up more quickly and provide superior thermal qualities.

Walk-Out Basements: Using SIPs for the walk-out elevation provides greater design flexibility and better insulation than the 2" x 6" stud construction that is typically used to frame the ground floor walls built into the slope. For design consistency SIPs are also ideal for the above ground walls of all sides.

SIPs have become a mainstream construction system since they were first introduced in the 1970's, and PaceMaker has been a leader in their development and evolution. "Some people still tend to think of modular, boxy homes when they think of SIPs," said Gaumer. "But the truth is that a panelized, field-built home is easily and effectively built to a diverse and wide range of specs."

PaceMaker is owned by Plymouth Foam Inc., a national provider of innovative building, packaging and OEM products with manufacturing locations in Wisconsin, Ohio, and Minnesota. PaceMaker is exhibiting at the 2004 International Builders' Show, booth #6495, in the SIPA Village, an area sanctioned by the Structural Insulated Panel Association. More information on PaceMaker Building Systems can be found at www.BuildwithSIPs.com, and more information on SIPs in general at www.sips.org. The EPS insulation core of PaceMaker SIPs is available with OnGuard™, a new additive that provides mold and insect protection. PaceMaker SIPs have national code recognition through ICC-ES Legacy Report NER-665.