



The Foundation to Build On

**FOR IMMEDIATE RELEASE**

**New and Improved Steel Alternative to Concrete Foundations to Debut This Week at METALCON in Las Vegas**

*Enhanced composite technology allows builders and developers to construct watertight foundations at a competitive price that are ready for finishing in less time than concrete foundations.*

**WEST SPRINGFIELD, Mass. — Oct. 1, 2007** — After months of research and development, material improvements and laboratory testing, Steel Panel Foundations (SPF) announced today that it will debut a newly enhanced composite panel foundation technology that, enables builders and developers to construct watertight foundations that are ready for finishing, at a competitive price and in less time than conventional concrete foundations. This unprecedented system will be on display next week at METALCON, Oct. 3-5, at the Las Vegas Convention Center in Las Vegas (**Booth #360**).

The only foundation technology of its kind, SPF is a professionally engineered, composite panel foundation system that employs modular construction, allowing builders and developers to construct watertight foundations that don't promote mold growth, can protect occupants from radon exposure and are insulated to keep cold and heat outside the foundation.

The system's lightweight construction promotes more economical transportation costs and enables long wall lengths, thus reducing both seams and on-site labor costs. Further, installing a Steel Panel Foundations system allows builders to begin construction the same day the foundation walls are set. There is no waiting for the material to cure to begin framing, and the below-grade living area is ready for drywall. The SPF system eliminates the scheduling hassles associated with concrete curing times and coordinating concrete and foundation contractors.

"Since our initial debut last year at METALCON, we have further enhanced the technology to give the builder and homeowner even more benefit," said Sal Scuderi, president of Steel Panel Foundations. "The system is more environmentally friendly, requires less time to install and is still a competitively priced alternative to conventional concrete foundations. For the homeowner it creates a safe, warm and dry environment. And for the builder, it's still an easy-to-install system that can be set in one day and eliminates costly callbacks due to wet basements. Since there is no waiting for concrete to cure, framing can begin immediately, and the below-grade living area is ready to finish."

### **Highlights of the new technology include:**

- The panels are made of magnesium oxide (MgO) with a foam core, along with an exterior panel of MgO, giving the foundation extra protection when backfilled as well as from insects.
- Panels are now factory-made, thus eliminating the need for assembly at the job site, providing precise control of the assembly process improving product quality and reducing installation time and associated costs.
- Materials are waterproof and resistant to both impact and ultraviolet light.
- While the standard height of the panels is eight, nine or 10 feet, panels can be made to any size.
- Because the SPF materials are considered “green” and contain recycled content, the system is environmentally friendly and can support green building initiatives.
- Unlike concrete foundations that can crack, SPF can flex without cracking, thus keeping out moisture, insects and radon.

The panels are made from 16-gauge, galvanized steel studs for load-bearing walls and meet all foundation-bearing pressures. The 16-inch on-center construction is fastened into the concrete footing. It is easily adaptable to meet various wall configurations, including full load-bearing walls, daylight walls, frost walls, brick-ledge walls, interior walls and multiple above-ground configurations. The composite panel deck is 9/16-Inch MgO for increased diaphragm and transverse load-bearing strength.

For more information about Steel Panel Foundations and its foundation technology, visit <http://www.steelpanelfoundations.com>.

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### **About Steel Panel Foundations, LLC**

Steel Panel Foundations, LLC was founded to develop innovative building products and related building material and services that are economical, strong, dependable, energy-efficient and environmentally-friendly. Utilizing proven technology and a patented design, Steel Panel Foundations’ break-through foundation system is a complete, end-to-end structural foundation system for superior value, durability and strength. For more information, visit the web at <http://www.steelpanelfoundations.com> or call 413-439-0421.

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