

## **FOR IMMEDIATE RELEASE**

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### **PATENT APPROVED**

**Insulspan is pleased to announce that one of its dealers, SIP Home Systems, Inc. has just been awarded a patent for pioneering an innovative Structural Insulated Panel (SIP) hold down system “TDHD® SIP Panel”.**

After nearly four years of experimentation, innovation and hard work, SIP Home Systems, Inc. of Grass Valley, CA has been awarded a patent for their invention of an insulated structural hold down system “TDHD® SIP Panel”. This system has revolutionized the connection between the SIPs and the foundation by utilizing an anchoring device that is attached at the top plate of the wall and runs vertically down within the panels where it is then embedded directly into the foundation.

“Quite obviously, we’re thrilled,” said Ken Porter, owner of SIP Home Systems and inventor of the system. “Ever since I built my first SIP panel home in 1999, I have been looking for more efficient methods of building that brings added value to the homeowner, while also streamlining the construction process and reducing the impact to the environment.”

The newly patented Top Down Hold Down “TDHD® SIP Panel” system offers key benefits that existing systems do not provide. For example; the invention is ideal for regions dealing with high seismic activity and exceptionally strong wind loads.

The TDHD® tie down system also reduces the need for engineered hardware in both SIP and traditional wall framing which will result in considerable savings to contractors and homeowners in terms of time and overall cost.

This installation methodology has positioned SIP Home Systems to be the innovator in this field of construction.

The journey began five years ago when Ken and one of the firm's engineers, while sitting at Ken's kitchen table, sketched out a construction drawing detail for a new way of tying SIPs to foundations for residential and light commercial projects. This concept promised to be more cost effective due to its perceived strengths and resulting ease of construction. Once the TDHD® system had been tested and proven, the design was sent to manufacturing to see whether the system could be incorporated directly into the SIPs at the time of fabrication. Insulspan has worked closely with SHS to refine the system to its present state and successful completion.

The new system has been in use for nearly 5 years and has been accepted in all building jurisdictions in the western United States. A Notice of Allowance was issued in May, 2009 and the certificate was received from the United States Patent Office in June 2009.

Our congratulations to SIP Home Systems, Inc. for their innovation and leadership in the field of Structural Insulated Panels.

For more information about Insulspan, contact Dave Stevenson at (866) 848-8855 or go to [www.insulspan.com](http://www.insulspan.com)

For more information about SIP Home Systems, contact Ken Porter at (530) 477-9790 or go to [www.siphomesystems.com](http://www.siphomesystems.com).

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