

## **Polyurethane Structural Insulated Panel withstands C4 Explosive Blast**

*SIP Supply's Greenix Panel survives 4lb detonation of the military explosive C4 while being tested for the new Quantico, Virginia modular training houses.*

(Atlanta, GA) August 27, 2009 - SIP Supply, LLC was selected to supply modular training houses when field testing showed that Greenix™ structural polyurethane insulated panels could withstand a four pound C4 explosive charge. C-4 is often used in demolition charges primarily in breaching obstacles or demolition of large structures where large charges are required. The test was conducted at a training facility in Quantico, Virginia and the Greenix SIP remained intact with only partial damage, and the panel was not breached.

SIP Supply was given the task of producing a panel for its client that would be used in military-style training exercises. They were looking for a product that could hold up under extreme conditions such as explosive blasts and a barrage of bullets. Greenix Panels were selected due to the ease of assembly and nature of the SIP's structural integrity, yet the results were still unanticipated.

"Frankly, we were very surprised at the results. We know that our ICC-equivalent testing showed impressive results for high wind loads, fire, foam adhesion and above-average roof loads compared to most SIPs in the industry, but we had no idea our Greenix Panels could endure this type of abuse," remarks Darrell Simpson, President of SIP Supply. "The results we've seen from these tests have opened more than a few doors for us within the military and government sectors." Currently, three more training houses are in production with additional orders in the pipeline.

SIP Supply, LLC provides architects, engineers and building developers with Greenix™ Panels and other top of the line quality structural insulated panels that deliver premium thermal efficiency, structural integrity and design flexibility. SIP Supply currently hosts over 80 SIP home kits online and carries over 150 tools and products for use with structural insulated panels and insulated concrete forms (ICF) projects and specializes in fulfilling large volume orders by way of high production plants in California and Georgia.

Images of the Greenix Panels after testing can be viewed here –  
<http://www.commercialsips.com>

Download presentation for further information on Structural Insulated Panels -  
[http://www.sipsupply.com/media\\_kit/SIP2007v2.pdf](http://www.sipsupply.com/media_kit/SIP2007v2.pdf)

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