

# Thumbs up for ThermalShell

ILLINOIS PRECASTER LANDS ENDORSEMENTS FROM U.S. CONGRESSMAN, ENGINEERING PROFESSOR



ThermalShell Technologies President John Biesiadecki (left) exhibited a wall sample and fielded inquiries from Rep. Bill Foster (D-IL, 14th District) in an early-July meeting. The visit led to the Congressman's enthusiastic endorsement of ThermalShell for a U.S. Department of Energy Insulation Grant, allowing the company "to demonstrate the effectiveness and viability of the concrete panel technology for 'shovel ready' construction projects."



A Chicago-based plastics manufacturer elected to parlay the advantages of ThermalShell composite insulated panels in rapid construction of a new warehouse. The producer delivered and erected 250 ft. of R-30 wall, comprising 42 panels designed to complement an existing building.

In campaigns promoting his composite precast/steel insulated modular panel, ThermalShell Technologies, Inc. President John Biesiadecki now is able to feature endorsements by politicians and academicians. Rep. Bill Foster (D-IL, 14th District) expressed enthusiastic support for the panel design and affirmed his willingness to sign a letter of recommendation after examining a product sample during a mid-summer meeting with Biesiadecki. The producer emphasizes that the Congressman, a physicist with an engineering degree, commended ThermalShell's technology after thorough questioning upon presentation of the wall segment.

Additionally, M. Kostic, Ph.D., P. Eng., professor of Mechanical Engineering at Northern Illinois University in DeKalb, Ill., cited the Sycamore, Ill.-based precaster in a signed statement entreating local, state, and national government officials, as well as community activists, leaders, and business administrators, to promote energy conservation via programs and investments creating opportunities for Illinois businesses that offer 'green' construction technologies. Renowned internationally and a 'green' advocate for three decades, Biesiadecki notes, the professor carried his message of energy conservation last year to China and more recently to conferences in Switzerland and Spain.

In a letter, Professor Kostic noted, "President Obama recently referred to 'superior insulated windows' in Pittsburgh. We have even more superior wall and roof panels made in Illinois. A small business, ThermalShell Technologies [www.ThermalShell.com] has the potential to contribute to substantial energy conservation by retrofitting existing buildings and in new construction...I challenge all concerned to promote and support such Illinois businesses in contributing to national and state stimulus projects."



## THERMALSHHELL SUITS THERMO FISHER

Further evidence of the growing recognition of ThermalShell 'green' benefits, the producer contends, is use of the technology by a Fortune 500 company—Thermo Fisher Scientific. The manufacturer employed ThermalShell panels for construction of a combined laboratory/office facility in Logan, Utah, where local builder Raymond Construction Co. erected the structure in one week. Closer to the precaster's Sycamore, Ill., operation, an insulated warehouse for a plastics manufacturer was completed in Chicago late last year.

Panels for both projects were fabricated in about 30 days, ensuring timely delivery. Affirms ThermalShell President John Biesiadecki, "Nobody [else] produces R-30 insulated concrete panels for 8-in.-thick walls that weigh 25 lb./sq. ft."



Despite shipping units 1,400 miles from Sycamore, Ill., to Logan, Utah, the lightweight composite precast/steel insulated modular panels proved an economical building solution for Thermo Fisher's two-story, 150,000-sq.-ft. facility. Moreover, ThermalShell's 30-ft.-long panels were deemed suitable by the project structural engineer for construction in an earthquake-active zone.