

ACI Smartwall™

Recently Patented in the US, ACI SmartWall is a unique lightweight, structural insulated composite building technology. Our system is composed of galvanized cold formed steel, encapsulated in foam, reinforced mesh, and high strength 8,000 to 12,000 PSI concrete like materials. The SmartWall provides high-energy efficient system that promotes significant reductions in heating, cooling, and maintaining interior temperatures. In addition is similar to pre-cast structure, however light weight, impervious to moisture and mold. The building system promotes rapid engineered high performance construction for walls, floors and roofs. Our light weight composite is available in a world of Architectural finishes.

- Standard Skin 8000 PSI to 12,000 Ceramic concrete.
- Flexural Test @ NCSU resisted a load over two tons.
- Concentrated Test @ NCSU resisted one and half tons
- 100% Moisture & Impact resistant
- Tested with propane torch at 3600 F
- Class A fire rating & 100% non combustible.
- Stone & Brick cladding
- Hard Stucco Finishes
- Marble, Tile and Granite cladding.



COMPOSITE PANEL GREEN BUILDING SOLUTION

Resistant to High Winds, fires and Earthquakes & Energy Efficient

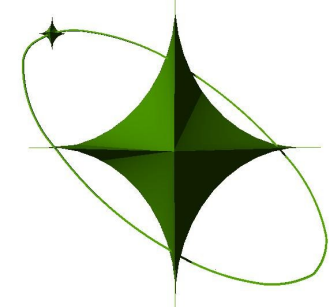
ACI's SmartWall building technology complies with the *NC Recovery Act* and its purpose of reducing energy consumption. ACI's unique construction process and technology facilitate the rapid construction of fortified, non combustible durable sustainable energy efficient structures. All testing performed at North Carolina State University Construed Facilities Laboratory.

Energy efficient hardened construction ;

**Schools Hotels Housing
Hospitals Churches
Community centers
Equipment Bunkers
Rapid Disaster relief Housing**

Saving lives and energy for life !

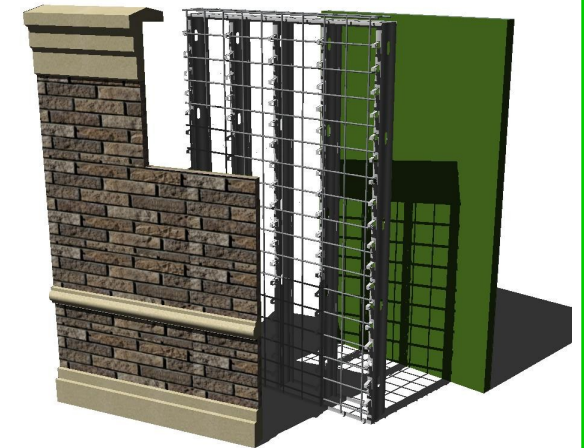
**To learn more schedule an appointment.
Please forward your project drawings for
a free estimate or consultation.**



American Craftsmen Inc.

Next Generation Composite Building Systems

ACI SmartWall™



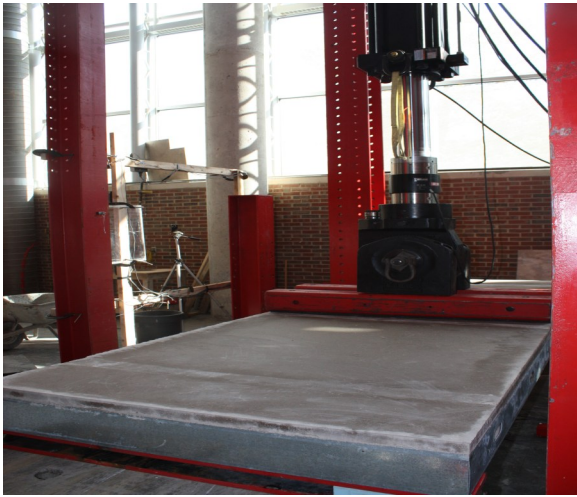
Phone: (919) 845-0870

Fax: (919) 845-0860

er@americancraftsmeninc.com

www.americancraftsmeninc.com

9910 Strickland Road.
Raleigh, NC 27615



-Tested at 3600 degrees with a propane blow torch



ACI Smartwall TM

American Craftsmen Inc., (ACI) US patented building products offer World-Class Solutions for superior structural security against tornados, earthquakes and fires. The ACI SmartWall building system passed a series of tests conducted under the direction of North Carolina State University Distinguished Professor Dr. Sami Rizkalla of Civil Engineering and Construction, Director of the Constructed Facilities Laboratory (CFL). The test reports documented the panel performing significantly above International Building Code Standards. ACI Smart Wall structural insulated composite has one of the highest strength to weight ratios in the World.

Saving our clients

Labor, Materials,

Time and Money !

Creating American Jobs !



“Next Generation Construction Industry Solution”

Eco Conscious Innovation

ACI functions to exceed every expectation in continuing with our commitment to providing affordable profitable, sustainable development, environmental stewardship, and preservation of human health. With these three values ACI identifies as a “Triple Bottom Line” organization. ACI has created an innovative Eco-Conscious building systems that account for the full life cycle of the building. The initiative of ACI is to implement innovative, superior building systems that are cost effective and environmentally conscious structures that insure structural security, reduces net energy consumption, net resource consumption, net pollution out-put, and improves the general quality of life.

