

## PRESS RELEASE

### Stresscon Project Wins ACI Award

Denver, Colo. (April 7, 2014) - The U.S. Department of Energy's National Renewable Energy Laboratory's (NREL) Energy Systems Integration Facility (ESIF) has earned an Award of Excellence for Precast Concrete. The project was submitted to the 46th ACI Awards Program to highlight use of Thermomass® panels to accommodate high thermal requirements. The ACI Awards Program is designed to recognize creative, innovative, aesthetic and imaginative uses of precast concrete.

Located in Golden, Colo., the facility is the nation's first to help public and private sector researchers with clean energy technologies. Completed in 2013, the facility features sustainable design features and materials. The 182,500 square foot facility includes experimental laboratories, outdoor test beds, and a high-performance data center designed to be one of the world's most efficient data centers.

The new Energy Systems Integration Facility (ESIF) is dedicated to the research, development, and megawatt-scale testing of critical transmission and distribution-level components of future electrical supply and demand systems. ESIF is the first in the country with these capabilities. This 182,500 square foot project, comprised of 876 pieces of precast, houses 200 scientists and engineers working together to transform energy infrastructures in 14 sophisticated high-bay laboratories, a high performance computing data center, and an ultra-green workplace.

A collaborative design-build team including Martin/Martin, Inc., JE Dunn Construction and SmithGroup JJR participated in creation of the 182,500 square foot facility. The team incorporated sustainable design practices throughout the entire build project using recycled materials, skylights, operable windows enabling cooling and ventilation, and solar powered fans.

Stresscon provided the high performance thermally efficient precast wall panels for the project. The 14 inch Thermomass® panels consist of 3 inches of exterior gray concrete, 3 inches of polyiso Thermomass® insulation, and 8 inches of structural concrete. With edge to edge insulation, the wall panels achieve an R-value of 20.55. The R-value achieved helps provide ESIF with a 40 percent greater performance efficiency than the ASHRAE 90.1 building standards baseline building performance rating.

NREL is the U.S. Department of Energy's primary national laboratory for renewable energy and energy efficiency research and development. NREL is operated for DOE by The Alliance for Sustainable Energy, LLC.

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#### **About Stresscon Corporation**

Stresscon Corporation designs, fabricates, and erects quality structural and architectural precast concrete structures for the construction communities of Colorado and the Rocky Mountain region. Founded in 1967, and a member of the EnCon Companies since 1993, Stresscon is PCI certified and specializes in institutional and commercial applications. To learn more, visit [www.Stresscon.com](http://www.Stresscon.com).

#### **About The EnCon Companies**

The EnCon Companies are specialty contractors providing precast/prestressed concrete systems and services to all facets of the construction marketplace. In addition to the corporate offices and the design group, EnCon Companies maintains nine manufacturing facilities nationwide. Recognized as one of the leading precast companies in the United States, EnCon is pioneering the use of the latest technology for the design and fabrication of precast structures. For more information, visit [www.EnConUnited.com](http://www.EnConUnited.com).

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