

Shildan's Green Terracotta Rainscreen Facade Improves LEED Ratings Up To 6 Points and Increases Insulation By Up To 40%



By utilizing unique terracotta rainscreen facades to decrease mold, improve air quality, decrease HVAC costs, and even improve outcomes for immune deficient patients, Shildan (www.shildan.com) is facilitating green development practices in many high-profile projects.

Gloucester City, NJ ([PRWEB](#)) October 15, 2009 -- Shildan (<http://www.shildan.com/>), a leading advocate of green sustainable building practices, announced today that several of its most recent projects are making a significant difference in the environmental movement.

According to Shildan President Moshe Steinmetz, "The LaQuinta building in California (developed by Boulder & Associates Architects, L.A.) is a Gold LEED project that benefits from using a terracotta rainscreen system. It is part of a growing trend to place the insulation outside the structural wall and thus up insulation value by up to 40 percent." Steinmetz adds, "The Ft. Belvoir Community Hospital project, however, (a 1,000,000 square foot hospital worth \$806.9 million), will not only benefit from enormous energy savings but will also last for up to 100 years--almost 3 times as long as other less sustainable materials."

Terracotta rainscreen facades installed at Fort Belvoir (the partial replacement for Walter Reed Medical center) will eliminate condensation and mold from the exterior walls. "By removing the breeding ground of hospital borne infections, we can also improve outcomes for patients suffering with immune deficiency issues."

The exclusive North American supplier of Moeding energy efficient and eco-friendly terracotta products, Shildan offers architects and developers a real way to impact the environment and a new a chance to thrive in this new, greener era. Known for their environmentally safe and technologically savvy features, Shildan terracotta rainscreens can add up to 6 points to a LEED development project by:

- * Decreasing condensation and, thus, mold and mildew;
- * Improving energy efficiency and reducing carbon with a back-ventilated rainscreen system.
- * Providing an insulation value up to R-21, (an increase of up to 30-60%).

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Workshop, Kohn Pedersen Fox Associates and Polshek Partnership, and many others to develop the nation's most memorable buildings. A service based provider, Shildan provides engineering and detailing assistance to architects and accurate budget pricing to contractors, while maintaining the highest level of excellence and support. Mentioned in prestigious industry periodicals, such as Architectural Record and Architect Magazine, Shildan continues to deliver unparalleled knowledge and service throughout the North American market with strategic offices near New York City, Philadelphia, and Los Angeles metro areas. For more information about Shildan or Moeding products visit <http://www.shildan.com/>.