

FOR IMMEDIATE RELEASE
Jennifer Wilson, brand manager
1.800.803.5189
jwilson@BioBased.net

BioBased Technologies® Opens New Corporate Headquarters
LEED Certification is Next Step for Sustainability Solutions Provider

FAYETTEVILLE, Ark. (Nov. 11, 2008)—BioBased Technologies® doesn't just talk about the importance of making sustainable choices, they lead by example.

Their most recent accomplishment is the construction and opening of a new 30,000-square-foot corporate headquarters and laboratories in Fayetteville, Ark., that is anticipated to meet the U.S. Green Building Council's Leadership in Energy and the Environmental Design (LEED) standards for new buildings at the silver level.

BioBased Technologies® is focused on developing and marketing sustainable solutions for the manufacturing and construction industries. Products offered by BioBased Technologies® include Agrol®, bio-based polyols; BioBased Insulation®, soy-based spray polyurethane foam insulation available from a network of certified dealers; and Soy Seal®, soy-based canned foam, available through retail outlets.

"Because of the products that we produce and our understanding of the importance of sustainable building practices, we couldn't have built a corporate headquarters that didn't meet LEED standards," said Mike Muccio, chief operating officer of BioBased Technologies®. "It would have been contrary to who we are and why we do what we do."

LEED promotes a whole-building approach to sustainability and tracks performance by awarding credits in five key areas: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

After the construction is complete, the building credits are totaled and verified before a certification, ranging from certified to platinum, is awarded. It can take up to a year to complete the review and commission the building.

"We incorporated many sustainable building practices into the headquarters," said Don Mobley, principle of Don Mobley Architects, Inc. "It started with the east-west orientation of the building to capitalize on solar heat gain and daylighting and continued throughout the building with specific material choices."

While the building is being reviewed by the USGBC for LEED certification, it has already earned an award. At the Fayetteville Chamber of Commerce's Construction Industry Appreciation Dinner, just two weeks after the building opened, BioBased Technologies® received the Green Building Award for the new headquarters.

The facility is located on a site that was formerly owned by the city of Fayetteville and used by the Water Department as a maintenance facility. By re-using the land, BioBased Technologies® was able to redevelop an existing site in an area of the city that has been identified for increased development based on a master plan.

--MORE--

“The site is strategically located one mile from the University of Arkansas’ Innovation Center and less than five miles from the main campus, so it was a perfect fit for us,” Muccio said. “We want to be a place where area businesses, schools and college students come to learn about sustainability through tours, internships and partnerships.”

As existing buildings on the site were demolished, 90 percent of the waste was diverted from the landfill by recycling. Throughout the construction of the building, recycling continued and 75 percent of the waste was diverted from the landfill.

Ninety-eight percent of the interior spaces have views and natural light which decreases the amount of lighting needed and increases productivity. As a result, variably controlled lighting, heating and cooling by office rather than by zone or floor were able to be used.

BioBased 501s® and BioBased 1701s®, soy-based spray polyurethane foam insulations from BioBased Insulation® were used to seal and insulate the building envelope. High performance, low-E glass with thermal break frames was used to maintain an energy-efficient thermal envelope.

Because spray foam insulation creates a tighter structure, increased ventilation also was included to supply fresh, filtered air and to increase indoor air quality. The 16 laboratories have separate ventilation systems in areas where there could be chemical emissions.

Roofing and site paving materials with a high solar reflective index and low-flow plumbing fixtures were selected to reduce the building’s carbon footprint. All new furniture is 98 percent cradle-to-cradle certified.

Native Arkansas trees and native prairie grasses, shrubs and wildflowers were used in the landscaping to reduce the amount of water used for maintenance.

--30--

About BioBased Technologies®

BioBased Technologies® is focused on developing bio-based polyols that can be used to increase the sustainability of existing products. BioBased Technologies® markets its polyol as Agrol®, building insulation products under the BioBased Insulation® brand and canned foam products under the Soy Seal® brand.