Iowa Central Community College

Application

23,700 square feet of R-Control® Structural Insulated Panels were used to frame the walls of Iowa Central Community College's new BioScience and Health Building in Fort Dodge, Iowa.

Project Details

Fall 2008, Bergland + Cram Architects designed the new 34,600 square foot BioScience & Health Building to incorporate the latest sustainable materials and unique design elements as part of an $18 million upgrade to Iowa Central Community College's facilities. The new building features elements such as a central pond that was created to provide geothermal heating/cooling to the new building, as well as adding to the campus aesthetics.

Sections of the building's exterior incorporated a curved wall with a radius of 106' & 6" in which 8 1/4" wide R-Control structural insulated panels were used to frame the wall of the building. The SIPs were installed in small 4' wide by 17' tall flat panel sections to give the wall its curved appearance. A total of 23,700 square feet of SIPs with Perform Guard termite resistant treatment and FrameGuard mold and mildew protection were used to frame the walls of the new BioScience and Health Building.

According to Joe Anderson, Project Manager of Bergland + Cram, "We are excited to have utilized ACH Foam's structural insulated panels for our project at Iowa Central Community College. They have created a sustainable and high performance building envelope which will benefit the college in many ways for years to come." The BioScience Building is the first community college project to achieve LEED Gold certification in Iowa. The college was also presented with the 2010 Smartest Buildings in America award by Siemens.

Structural Insulated Panels (SIPs)

Iowa Central Community Collage
- Fort Dodge, IA
- Fall 2008
- R-Control® Structural Insulated Wall Panels
- 23,700 Square Feet

Architect
Joe Anderson
Bergland + Cram Architects

Contractor
Craig Kolacia
Kolacia Construction

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