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Professional Building Systems Constructed Natural Fusion's Frame of Home

The Penn State 2009 Solar Decathlon Team, Natural Fusion, collaborated with Professional Building Systems (PBS), a modular home builder located in Middleburg, Pennsylvania, to construct the envelope of their home.

The Solar Decathlon is a biannual international competition, sponsored by the U.S. Department of Energy to inspire university students and faculty to design, build and operate an entirely solar-powered home. Penn State has an entry in this year's competition in October on the National Mall in Washington, D.C.

PBS was chosen for its commitment to high quality, custom modular homes, being open to innovation and challenging conventional building practices. This fit well with Natural Fusion's vision to make their home available on a greater scale than just for the competition. During the design and construction, PBS worked close with Penn State to make the team's ideas for their home into a tangible product.

"We want people to realize that living sustainably can come in various house shapes and sizes," said Keith Holmes, Modular Project Manager. "You don't have to be constrained or limited. You can live naturally and be environmentally conscious without giving up any quality of living."

Working with Professional Building Systems proved to be a wise decision for the Penn State team, as the finished frame of their home put them ahead of schedule in the spring. Additionally, the Natural Fusion team believes the high quality modular design will further aid them in ease of transport and assembly on the National Mall.

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