



PROJECT PROFILE

The Arc House by Shelter Dynamics, Inc. - Thermasheath®



PROJECT DESCRIPTION

Shelter Dynamics has collaborated with several manufacturers focused on energy savings on a sustainable home intended to showcase new concepts for efficient building and sustainability. The Arc House totals 423 square feet (versus 2,657 square feet, the average size of new homes built today). The unique design uses arches to make a small space “feel” expansive, exhibiting a focus on functionality with great value. Designed to flow like a wave, the Arc House represents a new dwelling concept, combining the economy and simplicity of tiny house living with cutting edge building science.

The Arc House is designed to achieve net-zero energy usage with a hybrid insulation system of Thermasheath® polyiso board from Rmax, along with Covestro’s Bayseal CCX SPF, which combines to form a thermal value of R-40.

RMAX THERMASHEATH®

Thermasheath® is manufactured with reinforced aluminum foil facers on each side. This thermally efficient insulation board is ENERGY STAR qualified.



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WHY RMAX THERMASHEATH®

Rmax Thermasheath® is a cost effective way to increase a building's thermal efficiency with one of the thinnest profiles available on the market today.

It is also lightweight and easy to install - delivering optimal flexibility in design and efficiency.

ARCHITECT

Shelter Dynamics, Inc.

INSTALLER

Designed and built by Shelter Dynamics, Inc.

For more information on the Arc House go to www.greenbuildermedia.com.



Project Size: Approx. 1,000' per home
Insulation: 1-1/2" Thermasheath®
Project Timeline: Anticipated 50 units per year



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