

PROJECT PROFILE | **OMEGA INSTITUTE FOR HOLISTIC STUDIES** | RHINEBECK, NY

ARCHITECT
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Kansas City, MO
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VAPROSHIELD REPRESENTATIVE
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PRODUCT(S)
WALLSHIELD[®] Water Resistive Barrier Membrane

PROJECT DESCRIPTION
WallShield Water Resistive Barrier Membrane was installed on the Omega Institute for Holistic Studies in Rhinebeck, New York. VaproShield is proud to have contributed to the Omega Institute, one of only five projects nationwide certified by the Living Building Challenge.

Implemented in 2006, the Living Building Challenge evaluates construction projects for environmental and aesthetic characteristics in seven key performance areas or “Petals”. These “Petals” include: site, water, energy, health, materials, equity, and beauty (aesthetic). To be Living Building Challenge certified, the building must be operational for a period of 12 consecutive months prior to review. This rule ensures measurable results as all building products must show they are performing at or above the product’s projected standard when reviewed.

WallShield made a valuable addition to the Omega Institute, contributing to improved energy efficiency, superior air quality and increased building longevity. The water resistive barrier membrane is non-toxic and contains zero VOC’s. WallShield is free of all red list chemicals (hazardous chemicals as identified by the Living Building Challenge).

WallShield provides easy-to-install, environmentally sound building envelope protection. The water resistive barrier reduces time and expense when compared to other multi-piece water resistive barriers, making green building simpler and more affordable for everyone.



The Omega Institute for Holistic Studies. All photos courtesy of Green Source.



Biomimicry is integral to the design and execution of all VaproShield products. Inspired by a frog’s permeable, breathable skin, VaproShield has created the closest thing to Mother Nature.



The Omega Institute is powered by a 48.5 kW solar electric system and also houses a water reclamation facility for wastewater filtration and treatment.