

PROJECT PROFILE | TREETOP HIDEAWAYS | FLINTSTONE, GEORGIA

VAPROSHIELD REPRESENTATIVE

Jim Rogers
1149 Chelsea Blvd
Oxford, MI
248-520-8445

PRODUCT(S)

WRAPSHIELD® Water Resistive Vapor Permeable Air Barrier Sheet

SLOPESHIELD® Water Resistive Roof Underlayment Sheet

PROJECT DESCRIPTION

WrapShield Water Resistive Vapor Permeable Air Barrier and SlopeShield Water Resistive Roof Underlayment, helped earn Treetop Hideaways, a luxury treehouse hotel located in north Georgia, Living Building Challenge Certification. Known for its rigorous standards, The Living Building Challenge (LBC) evaluates buildings on seven performance categories or “Petals,” to determine the structure’s overall sustainability and positive environmental impact. LBC Certified buildings must be free of any red list chemicals, which are not present in WrapShield or SlopeShield. Treetop Hideaways’ luxury treehouses are the first LBC certified building in the Southeastern US.

Two hundred year old reclaimed barn wood clads the treehouses. Behind the barn wood is a ventilated cavity, in a rain screen design, that ensures continuous and ongoing air movement around the barn wood. This method [rain screen] mimics the original aggressive ventilation characteristics of a barn allowing the wood to “live on” in a different capacity.

By using both WrapShield and SlopeShield, plus VaproLiqui-Flash for rough openings, the treehouses have a continuous air barrier system which means improved indoor air quality, lower energy cost and consumption, and adds to the treehouses’ overall longevity. These positive environmental impacts contribute to the health of the globe and guests alike.

The first treehouse was completed in the summer of 2015. Described as “part glamping, part boutique hotel,” the lodging features full amenities, as well as net-positive energy status, meaning more energy is produced than is utilized.



Being void of all red list chemicals, both WrapShield (orange) and SlopeShield (red) contributed to the first ever Living Building Challenge certified treehouse boutique hotel suites.



As a net-positive structure, the treehouse creates more energy than it uses.



Two hundred year reclaimed barn wood clads the treehouses. By using rain screen design and VaproShield membranes the treehouse building envelope is well protected from moisture intrusion.