



WOODLAND DUNE

Clean lines, low maintenance of metal a hit with owners of Modernist lake home

Nestled on a Lake Michigan sand dune while embracing the surrounding forest views, the Woodland Dune home is designed to delight the Modernist sensibilities of its inhabitants. The 2,300 sq. ft. weekend home is skillfully cantilevered from the hillside to minimize disturbance of the site, and to create a dramatic architectural scene.

The thoughtfully proportioned home is composed of three interlocking volumes. In the middle, a glass pavilion with dining and living spaces makes the forest visible during the day and glows like a lantern after dusk. At each end of the home, the exterior of the guest and master suites are clad with approximately 1,800 sq. ft. of PAC-CLAD Reveal Panels finished in Slate Gray.

"I love the sharp clean lines of metal panels," said designer Scott Rappe, principal at Kuklinski+Rappe Architects, Chicago. "Metal is a wonderful material and lends itself very nicely to residential use. We use lots of it. And for vacation homes, no owner wants the hassle of having to paint wood siding or other material.

"The metal panels were an ideal choice to get the contrast of glass to solid material," Rappe continued. "And from a durability and economy standpoint, the PAC-CLAD panels are a fantastic material." Rappe noted that he is working on another residential project that will use PAC-CLAD metal products.

In addition to the Reveal Panels, approximately 1,500 sq. ft. of Petersen Flush Panels in Slate Gray and Cityscape were utilized in soffit applications. All panels are 24 gauge steel at 12-in. on center. Slate Gray

and Cityscape are both PAC-CLAD Cool Colors, which meet efficiency requirements of the Cool Roof Rating Council. Sustainable design strategies applied to this home include radiant heating, natural ventilation and use of materials with high levels of recycled content.

Petersen's PAC-CLAD panels on the Woodland Dune home were installed by general contractor Olson Brothers in South Haven, Mich.

Petersen, a Carlisle company, manufactures PAC-CLAD architectural metal cladding systems in multiple gauges of steel and aluminum. PAC-CLAD products include hidden- and exposed-fastener wall panels, standing seam roof panels, flush- and reveal-joint wall panels, vented or solid soffit panels, perforated metal, coil and flat sheet, composite panels, column covers, plus fascia and coping. All are available in a Kynar-based 70% PVDF Fluoropon coating in 46 standard colors and 16 wood grain finishes that include a 30-year finish warranty. Most colors meet LEED requirements and are rated by the Cool Roof Rating Council. Custom colors and weathertightness warranties are offered. BIM and CAD documents are available for most products. Founded in 1965, Petersen's facilities are located in Illinois, Georgia, Texas, Maryland, Arizona and Washington. For information on the complete line of Petersen's PAC-CLAD metal products call 800-PAC-CLAD, visit pac-clad.com or write to info@pac-clad.com.

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