



NEW HAMPSHIRE INSTITUTE OF ART

The studio and residence hall facility for the New Hampshire Institute of Art in Manchester, NH is now located in striking new and renovated facilities. The project involved relocation and renovation of the original Manchester High School, a two-story brick building constructed in the 1840's, to one side of the site. A six-story steel-framed building was then erected adjacent to it to provide studio space and student housing.

The 32,000 sq. ft. facility has received LEED Gold certification and is the first urban campus building in the state to include alternative energies in the design. The green technologies in the building include geo-thermal wells for heating and cooling, photovoltaic collection systems, vegetative roof and a high-performance envelope.

Approximately 9,500 sq. ft. of Petersen Snap-Clad Panels and Flush Panels finished in Zinc Metallic were used to clad the new structure. The building includes 11 new studios with space for liberal arts, art education, illustration and digital labs as well as four floors of suite-style dormitory rooms housing 54 students.

Design for the project was provided by Dennis Mires, PA, The Architects, Manchester, NH. "The design evolved as a response to the mixed-use program and the desire to reuse the historic building on the urban lot," Mires said as previously reported. "Metal is a contemporary material that allowed us to differentiate the form with the same material and finish, and yet create different textures—the varying width, vertical standing-seam form versus the metal shingles form. It also provided a hand-crafted character using an industrial material that seemed appropriate for an art college."

The panel contractor on the job was A.W. Therrian Roofing & Sheet Metal, Manchester, NH. The

construction manager was Milestone Engineering & Construction, Inc., Concord, NH.

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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