



LANGDON WOODS RESIDENCE HALL



PROJECT NAME

Langdon Woods Residence Hall

CLIENT

Plymouth State University

LOCATION

Plymouth, New Hampshire

MARKET SECTOR

Education
Residential

BUILDING SIZE

113,000 sf

PROJECT COMPLETION

2007

CONSTRUCTION TYPE

New Construction

SUSTAINABILITY

LEED® Gold Certified

AWARDS

- First LEED Gold Certified Residence Hall in New Hampshire

COLLABORATORS

- Architect: Cannon Design
- Mechanical: Rist-Frost-Shumway Engineering
- GC: Engelberth Construction, Inc.

ACUTHERM MANUFACTURER'S REP

DAC Sales

Learn more about this project at
acutherm.com

PROJECT DESCRIPTION

Langdon Woods at Plymouth State University is the first Residence Hall in New Hampshire to receive LEED Certification at the Gold level. The building emphasizes state of the art strategies for sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality.

Langdon Woods is 58% more energy efficient than a conventional building of this size, saving the university nearly \$230,000 a year. The building features operable windows (large windows provide day-lighting and views to 90% of living spaces) and individual airflow, with thermally-powered VAV system provided by Acutherm. The Therma-Fuser™

DDC Interoperable Diffusers meet the set comfort requirement of each space automatically and eliminate over heating and over cooling.

TESTIMONIAL



Langdon Woods is the foundation of a comprehensive environmental awareness program the university is incorporating into all of its campus planning.



WILLIAM CRANGLE, VICE PRESIDENT OF
FINANCIAL AFFAIRS

PLYMOUTH STATE UNIVERSITY