

OPERABLE

HAWAII PREPARATORY ACADEMY ENERGY LAB

Project Room

Kamuela, HI



The Energy Lab at Hawaii Preparatory Academy is a facility where students develop sustainable living practices.



Hufcor operable partitions can be easily moved into position when needed.

Builder: Quality Builders, Inc. Waimea, HI

Architect: Flansburg Architects, Boston MA

Hufcor Distributor: Waltz Engineering, Honolulu, HI

P. O. Box 591, 2101 Kennedy Rd., Janesville, WI 53547, USA
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LEED® FOR SCHOOLS

A Hufcor Operable Partition is installed in the Energy Lab at Hawaii Preparatory Academy. The Energy Lab has been awarded Platinum-level LEED® for Schools 2.0 certification, which is the highest LEED rating a school building can receive from the U.S. Green Building Council. Located on the island of Hawaii, the Energy Lab is the first building in Hawaii to achieve LEED Platinum certification under the LEED for Schools 2.0 rating system. The Hawaii Preparatory Academy is an independent coeducational school providing a full range of opportunities for students.

The LEED (Leadership in Energy and Environmental Design) building certification program is an ecology-oriented system which concentrates its efforts on improving performance across five key areas of environmental and human health: energy efficiency, indoor environmental quality, materials selection, sustainable site development, and water savings.



FLEXIBLE SPACE

The raw materials in Hufcor partitions, such as gypsum, steel, and glass, can contribute to the achievement of LEED points in the appropriate LEED category. The Hufcor acoustically rated operable partition installed in the Project Room easily creates smaller and larger amounts of space, as required. Each room is equipped for videoconferencing, media and stereo sound, as well as a computer for student work.

LIVING BUILDING CHALLENGE

The Energy Lab also is a participant in the Living Building Challenge (LBC), a criteria that exceeds LEED Platinum certification. The LBC is comprised of seven performance areas: site, water, energy, health, materials, equity and beauty. Nothing in the building can be toxic in production, use, or disposal. If successful, the Energy Lab will be the first K-12 school facility in the world to meet the Living Building Challenge.



World Leader In Flexible Space Management™

HUFCOR COMMITMENT TO GREEN MANUFACTURING, SUSTAINABILITY AND LEED™

As a member of the U.S. Green Building Council, Hufcor recognizes the importance of innovation in sustainable design. Hufcor partitions are manufactured with raw materials such as gypsum, steel, aluminum, glass and wood. Specified percentages of these materials can contribute to the achievement of LEED points in the Materials and Resources Category of the LEED rating system. The materials in Hufcor products can also contribute to the achievement of LEED points in the Indoor Environmental Quality and Regional Materials categories.

Hufcor Green manufacturing practices and product benefits include:

Loose face construction:

- Reduces the use of adhesives that others use to adhere their faces to their frames
- Allows for faster, more efficient disassemble for material recovery after the product life cycle
- Repair in the field is easy and does not require tear downs.

Low VOC adhesives

ABOUT HUFCOR®

Hufcor, the world leader in the manufacture of partitions has a reputation for products with exceptional quality and durability.

Operable, accordion, and glass partitions provide the flexibility to quickly create large or small spaces.

Hufcor partitions are available through local, factory-trained Distributors, offering design assistance as well as installation and service.

For more information about Hufcor partitions, contact your local distributor. For the name of your nearest representative go to www.hufcor.com.

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Hufcor partitions are installed in many USGBC LEED Certified projects, including:

- Vancouver Convention Center (West Building) LEED Platinum Certification.
- Fairmont Pittsburgh Hotel: LEED Gold Certification
- Alberici Corporate Headquarters, St Louis, MO: LEED Platinum certification.
- Phoenix, AZ Convention Center: LEED silver certification
- David L. Lawrence Convention Center, Pittsburgh, PA: LEED Gold certification
- Old Forge Arts Center, Old Forge, NY: LEED Certification Registered.
- State of Indiana Forensic and Health Sciences Laboratories: LEED Certification Registered.



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