

BARD COLLEGE'S MULTI-USE SPACE



THE PROJECT

Bard College in New York embarked on a unique architectural project to create a multi-use space for its students. The project aimed to utilize shipping containers to construct an innovative space that met the needs of Bard College's diverse student community. The design challenge was to create a structure that was not only aesthetically pleasing but flexible and conducive to a dynamic learning environment. Many manufacturers build industrial hangar doors that can be slow-moving, loud, and prone to hazardous hydraulic fluid leaks, but Bard College needed something better. To achieve this vision the college collaborated with Renlita to design a 16'x7' S-2000 Hingeway door with Low-E glass cladding on the first floor.



OUR SOLUTION

The S-2000 Hingeway counterweight door, provided by Renlita, was the perfect choice for this project due to its exceptional flexibility and features. It provides less intrusion into the interior, less unusable space when open, and more of a canopy to the exterior. It also runs on 110v, unlike hydraulic pump doors, which usually require 240v and a large bulky cutoff box.

The door was installed on the first floor, acting as a focal point and connecting the interior space with the surrounding landscape. Its impressive dimensions, measuring 16x7 feet, ensured an expansive opening, allowing the building to easily transform for the needs of the students and faculty.

The door had glass cladding, which added to its aesthetic appeal and served a functional purpose. The glass cladding flooded the interior space with abundant natural light, creating a bright and inviting ambiance for various activities. The infusion of natural light played a pivotal role in promoting a creative and positive learning environment.



BENEFITS

1. Versatility and Adaptability

One of the primary advantages of the S-2000 Hingeway door was its ability to enhance the space's versatility and adaptability. By seamlessly integrating the door into the structure, the multi purpose space could be effortlessly transformed into a classroom, study space, gallery, or performance area, and cater to many different activities.

2. Natural Light

The integration of the glass-clad door elevated the building's character, and positively influenced the well-being of the occupants. More natural light means less need for artificial lighting, saving energy and promoting sustainable design.

3. Quality and Convenience

The door's smooth operation and user-friendly design allowed for easy adjustments, making it convenient for students and staff to modify the space as needed. It also has a battery backup in case of a power outage unlike typical hydraulic doors.

AT A GLANCE

CHALLENGES

- Versatile multi-use space
- Interior space

BENEFITS

- Versatility and Adaptability
- Natural Light
- Quality and Convenience

