

FISHER MIDDLE SCHOOL IN GREENVILLE SC



THE PROJECT

Fisher Middle School in Greenville, SC faced a unique challenge in creating flexible and versatile spaces within its premises. The school needed a partition solution that would not only allow for easy customization of spaces but also be economically efficient and aesthetically pleasing.

The aim was to find a solution that created additional space without using the typical ceiling space of regular garage doors. This solution would provide more room without occupying the usual overhead area of traditional garage doors. Additionally, the solution had to integrate seamlessly with existing HVAC systems and sprinkler heads to avoid costly modifications.



OUR SOLUTION

The Renlita design team proposed the installation of Sovereign vertical lift bifold doors at Fisher Middle School. These stacking-panel sectional doors were chosen for their ability to provide a flexible partition between spaces without compromising on design efficiency. The doors were designed with a manual chain hoist, allowing for easy operation while avoiding the need for complex motorized systems.

To enhance the overall aesthetics and durability, the doors were finished in clear anodized aluminum instead of a traditional powder coat finish. This made the doors look modern and sleek, and also made them last longer with less maintenance needed.

One key feature of the Sovereign doors is their ability to mimic the appearance of traditional garage doors, creating a visually appealing solution that seamlessly blends with the school's architecture. The vertical lift bifold design ensures a 100% clear opening space when the doors are up, maximizing the flexibility of the available space.

Importantly, the design and installation process took into account the existing HVAC systems and sprinkler heads, eliminating the need for costly relocations or modifications. This not only saved the school district money but also streamlined the implementation process.

The implementation of Sovereign vertical lift bifold doors at Fisher Middle School showcases a successful collaboration between Renlita and the educational institution. The project not only addressed the specific needs of the school but also delivered a solution that is cost-effective, space-efficient, and aesthetically pleasing. As more schools, universities, and companies explore innovative partitioning solutions, the Sovereign stacking panel doors prove to be a perfect fit for diverse applications.



BENEFITS

1. Cost Savings

The decision to use the Sovereign vertical lift bifold doors with clear anodized aluminum finish instead of a powder coat finish contributed to significant cost savings for the school district. The economical design and manual chain hoist system further reduced installation and operational costs.

2. Space Optimization

The stacking-panel sectional door design maximizes usable space by providing a 100% clear opening when the doors are in the open position. By avoiding the typical ceiling space requirements of garage doors, the Sovereign doors allowed for the creation of flexible and versatile spaces without sacrificing valuable square footage.

3. Ease of Use and Maintenance

The manual chain hoist system makes the Sovereign doors easy to operate, requiring minimal effort for opening and closing. The clear anodized aluminum finish not only adds a modern aesthetic but also contributes to the doors' virtually maintenance-free nature, ensuring long-term usability and cost-effectiveness.

AT A GLANCE

CHALLENGES

- Optimizing Space
- Functionality

BENEFITS

- Cost Savings
- Space Optimization
- Ease of Use and Maintenance

