



Eye-catching Results

The display cases were a huge success! Michael Chewning praised, "I was very pleased with the custom oversized cases and sliding doors. Platinum customized them to fit what we needed." Dorman High School has filled the cases with trophies, memorabilia, performance costumes, and student artwork. Dorman's Director of Building, Mark Kirkland reported, "We are very happy with the cases. They are really noticeable when you walk in the building. People stop to admire the art inside."

“THE **FIXED GLASS**
on TOP & BOTTOM adds
a **Touch of class.**”

Platinum Visual Systems took Michael Chewning's vision for eye-catching display cases and made it a reality. The entire Platinum team was involved in making this project a success. Bob Chase, Platinum Vice President of Operations said, "I am proud of our Platinum team. We all came together to make sure this project was produced, shipped, and installed correctly. The cases turned out beautifully. The fixed glass on top and on bottom really add a touch of class. These will be admired and used by others for a long time."



PROJECT:
Dorman High School
Early College, Career and Fine Arts Center
Roebuck, SC

OWNER:
Spartanburg County School District Six

SUPERINTENDENT:
Darryl Owings

ARCHITECTURE FIRM:
McMillan Pazden Smith Architecture
Spartanburg, SC

LEAD ARCHITECT:
Michael Chewning

GENERAL CONTRACTOR:
McKnight Construction
Augusta, GA

CSI INFORMATION:
10 11 00 Visual Display Boards
10 12 00 Display Cases



PLATINUM
VISUAL SYSTEMS



Dorman High School - Roebuck, SC

The Perfect Solution
From Concept To Completion



Dorman High School, located in Roebuck, South Carolina, is the state's second largest high school. Due to overcrowding, the school lacked sufficient space for its performance art and college preparatory programs. Superintendent Darryl Owings and Spartanburg County School District Six teamed up with McMillan Pazdan Smith Architecture to design and build an Early College, Career, and Fine Arts Center. The new building would house the school's performance spaces and high-level college preparatory courses.

Michael Chewning, McMillan Pazdan Smith's K-12 Studio Director, took on the project. Chewning has worked with schools on building projects for over 10 years. Chewning

worked with the school to design a welcoming, modern space that felt more like a college campus than a traditional high school.

The resulting three-story, 164,000 SF facility houses 28 classrooms, computer and science labs, a career center, and a cafeteria. Additionally, the center features a 1,500-seat auditorium designed for the school's fine arts performances and includes a main entrance on the campus foyer and a balcony level. Not only a high-traffic area during school hours, the main foyer also provides a stunning first impression for visitors attending performances in the new auditorium.

An Opportunity

Chewning saw a great opportunity in the foyer and hallways surrounding the auditorium to showcase other visual art pieces and trophies in over-sized glass display cases. After some research, Chewning selected Platinum Visual Systems to create the cases which would provide visual interest throughout the main foyer, balcony level, and third-story hallways. Chewning chose to work with Platinum because he wanted a "product we could put costumes and bigger pieces in." These cases would be highly visible to students and visitors because of their strategic location around the auditorium entrance and main hallways. Platinum was also able to provide markerboards for all the classrooms in the new Center.



A Unique Challenge

The final design called for 26 sliding-glass display cases on three floors of the College Center. Furthermore, the auditorium's curved back wall - designed to improve acoustics - created a large curved wall in the main foyer. This meant the cases being installed in the foyer and balcony levels needed to be modified to uniquely recess into the wall so no gap appeared between the wall and the sides of the cases.



Custom Sliding-Glass Display Case

Platinum Solves Problems

Platinum worked with the General Contractor McKnight Construction and McMillan Pazdan Smith to modify the display cases to fit snugly into the walls. By using a 2x2 U Channel and then cutting the outside leg down, the unit could slide into the opening so the right and left hand legs would be flush to the wall. Without this modification, a 1 1/2" gap would exist between the wall and the cases on the right and left hand sides.

Not only were modifications made to fit the curved wall, but additional stationary glass panels were added to the tops and bottoms of the cases to allow even more display room. The final size of the cases ranged from 4'H x 4'W x 12"D to 8'H x 8'W x 24"D. A large amount of planning went into ordering and delivering enough glass for all 26 cases.



Once the powder-coated extrusions were manufactured and all the glass delivered, installer Drew Downing had the unique challenge of hauling several of the over-sized cases and glass panels up to the second and third floors.

“THE FINISHED PRODUCT WAS Spectacular.”

Downing used a scissor lift to get the materials over the balcony to the second floor and then good old-fashioned manpower to get the pieces to the 3rd floor. Great care was taken installing the custom top and bottom glass panels, and after hours of time-consuming installation, Downing said, "The finished product was spectacular."