

**Project:**  
University of California

**Building Owner:**  
University of California

**Location:**  
Riverside, California

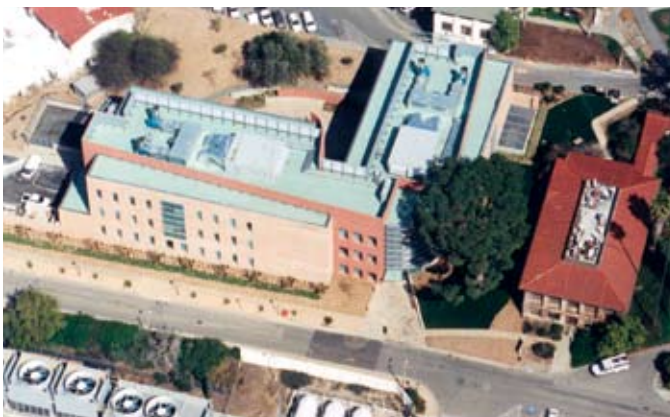
**Roof Area:**  
35,000 square feet

**Completed:**  
2001

**Manufacturer:**  
IB Roof Systems

**System:**  
Mechanically attached  
using 80 Mil custom color  
patina green membrane

## UNIVERSITY OF CALIFORNIA, RIVERSIDE



67,000 square feet and house some twenty-research groups, the department's administrative offices, and even a museum.

IB Roof Systems designed a specification to work with the structure's concrete deck. First, it called for applying an ISO tapered insulation system with asphalt to provide the necessary slope to direct the water to the drains. Next, IB CPA 80 mil

custom color patina green was then fully adhered to the tapered system below. Construction took place over the course of several months in the fall of 2001.

The University of California at Riverside built its new Entomology building to replace other facilities that had been used for nearly one hundred years. Now, with the help of IB Roof Systems, this latest structure will be there to take students and professors into the 21<sup>st</sup> century.

It's commonly called a Moss Mantid. This bug is known for being a master of disguise. It can use color and structure to adapt to its surroundings. Those just happen to be two goals set forth when the University of California, Riverside decided to build a new Entomology building. The main hub for students studying insects was built for it's structural soundness; it needed to be seismically safe. It also needed to blend in with the rest of campus. That's where IB Roof Systems comes in.

Most buildings on the campus have a tar and gravel roof. To achieve an aged look, the roof is then painted a patina green. Ted Chiu is Associate Director of the Office of Design and Construction at the University of California, Riverside. He says when planning for this construction, they wanted to use a single-ply membrane. They were looking for one that would offer long-term protection and at the same time, blend in with the campus. IB was able to prepare a custom color to match their existing buildings, in the exact amount needed to cover this project.

The University of California built this new facility as part of a plan to phase out older structures. But they didn't want to lose that one factor that links all their buildings together, the patina green roof. Five of the buildings formerly used for entomology were anywhere from 50 to 70 years old. The new facility would cover more than

