



# CASE STUDY

## UNIVERSITY OF MIAMI SCORES HIGH WITH FPL'S BUILDING ENVELOPE PROGRAM



**Problem:** “Universities, businesses and other institutions today face tight operating budgets”, said James Durante, University of Miami Physical Plant Project Manager.

**Analysis:** The university’s twin, seven story dormitory buildings could achieve higher energy savings with the installation of window film. The film will also improve safety by reducing shattering in case a window breaks, and will enhance comfort by reducing heat and glare.

**Solution:** The window film installed by Confianza Window Tinting, Inc. reduces solar-generated heat gain inside the buildings by 52 percent. Consequently, the physical plant’s air conditioners don’t have to work so hard to keep the dorms cool. **“The particular product used in this project eliminates 98 percent of the UV rays entering through windows”, according to Rafael Fernandez, President of Confianza Window Tinting.** The special low-reflective green film has been an aesthetic hit on the University’s lush, subtropical campus. “The film gives the dorms a brand new look that really compliments the rest of the campus building”, Durante said.

**Benefits:** The University earned an FPL incentive of \$15,000 toward installation costs and will enjoy an estimated \$6,500 in savings annually because of the increased energy efficiency of the Pearson and Mahoney residential college buildings.